# Visual Studio® LIVE!

**EXPERT SOLUTIONS FOR ENTERPRISE DEVELOPERS**

## NO CODE LIMITS

### AUSTIN

June 13-17, 2022 / Hyatt Regency Austin
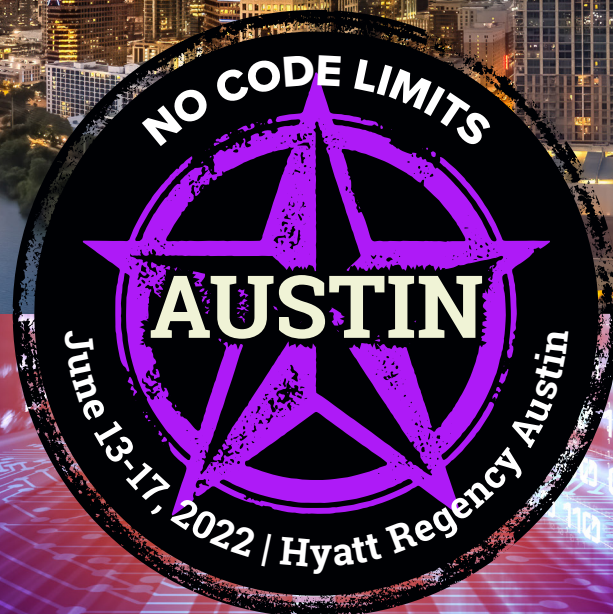
**IN-DEPTH TECHNICAL CONTENT ON:**

- DevOps and Beyond
- Cloud, Containers and Microservices
- AI, Data and Machine Learning
- Developing New Experiences
- Technical Excellence & Leadership Skills
- The Core of .NET
- Full Stack Web Development

# DEVELOPER TRAINING CONFERENCE IN THE HEART OF TEXAS

**REGISTER NOW AT**
## VSLIVE.COM/AUSTIN

**CONNECT WITH US:**

- twitter.com @VSLive
- facebook.com @VSLiveEvents
- instagram.com @VisualStudioLive
- linkedin.com @Visual Studio Live!

# CONTENTS

## SESSION LISTINGS BY TRACK:

REGISTER NOW AT **VSLIVE.COM/AUSTIN**

# A MESSAGE FROM THE CONFERENCE CO-CHAIRS

**AUSTIN IS A FANTASTIC CITY, WITH AMAZING MUSIC, THE BEAUTIFUL RIVER, GREAT FOOD, AND VSLIVE!, JUNE 13-17, 2022.**

In the 3 years since we were last in Austin, a lot of things have changed about how we live and how we work, and the tools and technologies we leverage to be successful have not slowed their pace either. As we all continue to navigate our new normal and re-establish our networks together, Visual Studio Live! Austin is here to support you with a whole new array of educational sessions and social events to re-energize you.

We're Andrew Brust, Angela Dugan, Rockford Lhotka, and Brian Randell, and as Conference Co-Chairs for Visual Studio Live! in 2022, we'd like to personally invite you to join us in person at the Hyatt Regency right on the river in Austin. We're super excited that we are able to return to an in-person experience. A great opportunity to have two-way conversations about the latest tools and technologies with your peers and some of the finest expert speakers in the business. In our experience, this conference format delivers the highest level of value, and we're ready for it! Our cohort of technical speakers will be ready to help you know what's ready for production, what's not, and provide their expert advice and knowledge on how to build the best solutions and experiences for your customers.

Visual Studio Live! in Austin gives you a rich multi-track event with great 75-minute breakout sessions, Fast Focus sessions for quick hits on relevant topics, deep dives, a full day of hands-on-lab training, and a full day of deep workshops, covering a wide array of development technologies for everyone. From

intelligent bots to databases, from team building to the latest mobile, Web, cloud, and desktop technologies - we've got you covered. Our speakers will present in-depth sessions on data analytics, serverless, and other cloud technologies with experience on Windows, macOS, Linux, and mobile platforms. We have picked every hands-on-lab, workshop, deep dive, and session with the goal of transferring current, relevant knowledge to you so that you can be a better developer, team member, and leader. We hope you will return from this event energized and ready to help your organization succeed in this ever-changing world.

You'll find coverage on Microsoft Visual Studio 2022, .NET 6, DevOps, MAUI, and modern data warehouse technology. If the Web is more your style, you'll find sessions on JavaScript, TypeScript, Angular, and Blazor on the client, as well as ASP.NET Core on the server. Feeling confused about .NET? We've got sessions to clear it up. Want to improve your DevOps processes, or boost your team's agility? We've got coverage of numerous topics to help you do just that. Want to be an expert on cloud transformation? We've got sessions for that too! Overall, our speakers will answer your questions with practical guidance on native client development, Web, database, and more.

Our workshop content provides coverage of Visual Studio 2022, microservices with Dapr, and SQL Server 2019. Want to get your hands dirty? We've got great all-day hands-on-labs covering how to build serverless full-stack apps with Azure SQL, Cloud-Native Development, GitHub, and ASP.NET Core and Entity Framework. Hungry for even more? We've also got deep dives into Blazor, MAUI, and

Cosmos DB. Our sessions, hands-on-labs, and workshops drill deep into the subjects you need to master and the fundamentals that are always important.

Our industry continues its march toward the future. To keep up, you need to absorb rapidly and adapt. Go beyond Internet-based content to a live experience, where you get to ask questions in real-time and engage directly with the experts and your peers. Find a way to get to Visual Studio Live! Austin and get the tools to help yourself grow.

We hope to see you there!

## VISUAL STUDIO LIVE! CONFERENCE CO-CHAIRS

**Andrew Brust**
*Founder & CEO, Blue Badge Insights*

**Angela Dugan**
*Delivery Director, 3Cloud Solutions*

**Rockford Lhotka**
*Chief Software Architect, Marimer LLC*

**Brian A. Randell**
*Product Marketing Director, GitHub*

# TOP FIVE REASONS TO ATTEND VISUAL STUDIO LIVE! AUSTIN

## 5.
**BE READY FOR NOW AND NEXT —** Get up to speed on what's happening on the .NET developer landscape now, and learn what's coming next to get out ahead of the competition. Keep yourself and your business competitive and future-ready with training on .NET 6 and .NET MAUI, Blazor, ASP.NET Core, ML.NET, Microservices, SQL Server 2019, C# 10, and so much more....

*I APPRECIATE THAT IT ISN'T PURELY "HOW TO" BUT MORE "DO THIS BECAUSE. . . @. I CAN GO TO PLURALSIGHT, SAFARI, ETC., FOR PURE "HOW TO".  HEARING EXPERTS EXPLAIN WHY YOU SHOULD DO "X" IS MORE IMPORTANT.*

*— Visual Studio Live! Austin 2018 attendee*

## 4.
**LEARN FROM LIKE MINDS —** From the networking breakfasts, to evening activities, to just sitting next to someone new at lunch, you'll have the unique chance to learn from and share with your peers, all week long! Whether you're looking for best practices, answers to specific tech questions, help with strategy, or to keep up-to-date with the latest releases, you'll efficiently and effectively connect with the right people.

## 3.
**ACCESSIBLE EXPERTS & A FULL SET LIST OF PERSPECTIVES —** What separates Visual Studio Live! from other conferences (and internet-based training) is the unparalleled access to the speakers. Get your questions answered in-between sessions, during meals and at fun evening events. Our speakers include both unbiased industry experts and Microsoft insiders, so you'll hear every side of the story on the most recent software and industry updates.

## 2.
**ELEVATE YOUR LEARNING WITH HANDS-ON LABS —** Choose from four in-depth HOLs and get hands-on with: Develop an ASP.NET Core App with EF Core, Build and Run Cloud-Native .NET Code, Build a Secure Cloud App in a Day with GitHub, and Build Serverless, Full Stack Applications including IoT with Azure SQL.

## 1.
**GO BIG ON CONTENT. NO CODE LIMITS —** We offer 5 days of educational content with over 60 sessions, hands-on labs, and workshops in a variety of tracks. You'll be sure to bring back many tips, tricks, and new knowledge to apply immediately back at the office.

# THE FUN STUFF: VISUAL STUDIO LIVE! AUSTIN EVENTS & ACTIVITIES

**YOUR ATTENDANCE AT VISUAL STUDIO LIVE!** is about learning from your peers as well as our expert speakers. Make the most of your time and add these events to your itinerary.

### MIX & MINGLE @ VSLIVE!
**Monday, June 13**
*Aussies Grill & Beach Bar*

This is your opportunity to meet fellow attendees and start friendships that can last for the week or even longer. Join us at Aussies Grill and Beach Bar to mix and mingle with other conference attendees and speakers for a casual no-host mixer. Enjoy light appetizers provided by VSLive! while you get to know your fellow attendees and take in the local Austin nightlife. Everyone is responsible for their own beverages.

Participating speakers include:
Eric Boyd, Phil Japikse, Rocky Lhotka, April Rains, Bob Ward

### WELCOME RECEPTION & TRIVIA TUESDAY
**Tuesday, June 14**
Enjoy drinks and snacks while you mingle with VSLive! Austin sponsors and network with fellow attendees and speakers. This is your chance to check out the latest offerings from our exhibitors to help you in daily life when you return to the office.

**New this year at VSLive! – Trivia Fun!** Test your knowledge against your fellow attendees. Everyone can join in by using their mobile device. Each round winner will receive a prize along with bragging rights for the week!

### TABLE TOPIC LUNCH
**Wednesday, June 15**
Join other attendees at lunch to share ideas, talk about the issues of the day, and maybe solve a few. While you enjoy lunch, you can find and connect with other like-minded people at tables designated for certain languages, technologies, and interests.

We will also have designated speaker tables - noted with the speakers' name. Join your favorite speaker for a lunchtime discussion or to follow up on any questions from a session.

### VSLIVE!'S "BUCKET LIST" TOUR OF AUSTIN
**Wednesday, June 15, 6:30pm – 8:30pm**
*Pre-registration & $10 Confirmation Fee Required*

Discover the best of Austin with your fellow VSLive! attendees. This fast-paced two-hour "bucket list" tour will give you a great snapshot of Austin: get dizzy gazing upward at the Capitol's dome, indulge in decadent treats from iconic food trucks, explore cool outdoor art, snap photos at city landmarks, and check out funky neighborhoods only a local would know about.

This detour is jam-packed with facts, history and trivia on everything from Whole Foods to the UT campus, and everyone from Michael Dell to Willie Nelson. By the time you're done, you'll be able to say you "get" Austin – the history, people, music, culture, food and what keeps it "weird."

Whether you're looking for a fun overview of the city or just need to prove to the social media universe you were in Austin with a picture in front of the Austin Postcard, don't miss this tour. Space is limited so reserve your seat today!


**WELCOME RECEPTION**


**TABLE TOPIC LUNCH**

# AGENDA-AT-A-GLANCE

| DevOps and Beyond | Cloud, Containers and Microservices | AI, Data and Machine Learning | Developing New Experiences | Technical Excellence & Leadership Skills | The Core of .NET | Full Stack Web Development |
|---|---|---|---|---|---|---|

| START TIME | END TIME | Pre-Conference Hands-On Labs: Monday, June 13, 2022 (Separate entry fee required) | | | | |
|---|---|---|---|---|---|---|
| 7:30 AM | 9:00 AM | Pre-Conference Workshop Registration • Coffee and Morning Pastries | | | | |
| 9:00 AM | 6:00 PM | HOL01 Hands-on Lab: Develop an ASP.NET Core App with EF Core in a Day HOL - *Philip Japikse* | HOL02 Hands-on Lab: Learn to Build and Run Cloud-Native .NET Code - *Rockford Lhotka* | | HOL03 Hands-on Lab: Build a Secure, Cloud Application in a Day with GitHub - *Brian Randell, Brittany O'Shea & Josh Johanning* | HOL04 Hands-on Lab: Build Serverless, Full Stack Applications including IoT with Azure SQL - *Bob Ward, Davide Mauri, & Drew Skwiers-Koballa* | |
| 7:00 PM | 9:00 PM | Mix & Mingle @ VSLive! Austin | | | | |

| START TIME | END TIME | Visual Studio Live! Day 1: Tuesday, June 14, 2022 | | | | |
|---|---|---|---|---|---|---|
| 7:00 AM | 8:00 AM | Registration • Coffee and Morning Pastries | | | | |
| 8:00 AM | 9:15 AM | T01 Getting Started with ASP.NET Core - *Philip Japikse* | T02 How to Build Secure, Scalable, and Highly Available Applications with Azure SQL Database - *Bob Ward* | | | T03 What's New in .NET 6 APIs - *Jason Bock* | T04 Azure and GitHub the Big Picture - *Marcel de Vries* |
| 9:30 AM | 10:45 AM | T05 Design Thinking for Software Development Teams - *Billy Hollis* | T06 No More Sharding! Rethink your DAL to Leverage Database Scaleoutability, Improve Performances and Reduce Costs - *Davide Mauri* | | | T07 Build .NET Apps More Quickly with GitHub CodeSpaces - *Brian Randell* | T08 An Introduction to Service Meshes on Kubernetes - *Marcel de Vries* |
| 11:00 AM | 12:00 PM | KEYNOTE: GITHUB – HAVE ANOTHER LOOK  *Brian Randell & Brittany O'Shea* | | | | |
| 12:00 PM | 1:00 PM | Lunch | | | | |
| 1:00 PM | 1:30 PM | Dessert Break • Visit Exhibitors | | | | |
| 1:30 PM | 2:45 PM | T09 Building Secure and Scalable APIs in .NET 6 - *Tony Champion* | T10 Customers Building Cool Applications on Azure SQL Database - *Sanjay Mishra & Bob Ward* | | | T11 The Power of Performance Feedback - *Amber Vanderburg* | T12 Database DevOps with SQL Server on Docker with GitHub - *Brian Randell* |
| 3:00 PM | 4:15 PM | T13 Versioning ASP.NET Core APIs - *Philip Japikse* | T14 Jamstack Foundations: Building Scalable APIs from the Ground Up - *Davide Mauri* | | | T15 Cultivating a Culture of Creativity, Collaboration, and Captainship - *Amber Vanderburg* | T16 What's New in C# 10 - *Jason Bock* |
| 4:15 PM | 5:30 PM | Welcome Reception & Trivia Tuesday | | | | |

| START TIME | END TIME | Day 2: Wednesday, June 15, 2022 | | | | |
|---|---|---|---|---|---|---|
| 7:30 AM | 8:00 AM | Registration • Coffee and Morning Pastries | | | | |
| 8:00 AM | 9:15 AM | W01 Deep Dive on Blazor: The Run Everywhere with .NET UI Framework - *Rockford Lhotka* | W02 Choosing from the Many Ways to Docker in Azure - *Rob Richardson* | | W03 Modern DevOps for Azure SQL - *Drew Skwiers-Koballa* | | W04 How to Implement Developer-optimized Application Security - *Brittany O'Shea* |
| 9:30 AM | 10:45 AM | | W05 At The Helm of Kubernetes: Repeatable Infrastructure Creation for Mere Mortals - *Rob Richardson* | | W06 Entity Framework Performance Monitoring and Tuning - *Jim Wooley* | | W07 Azure DevOps Corporate Templates for the Enterprise, Covering SharePoint Framework, Teams and Azure - *Rodrigo Pinto* |

*Sessions and speakers subject to change.*

Microsoft Sessions

## AGENDA-AT-A-GLANCE *(continued)*

| DevOps in the Spotlight | Cloud, Containers and Microservices | AI, Data and Machine Learning | Developing New Experiences | Delivery and Deployment | .NET Core and More | Full Stack Web Development |
|---|---|---|---|---|---|---|

| START TIME | END TIME | Day 2: Wednesday, June 15, 2022 (Continued) |
|---|---|---|
| 11:00 AM | 12:00 PM | **GENERAL SESSION:** AZURE SQL DATABASE: THE DEVELOPERS DATA PLATFORM<br>*Bob Ward, Davide Mauri, Drew Skwiers-Koballa & Muazma Zahid* |
| 12:00 PM | 1:00 PM | Table Topic Lunch |
| 1:00 PM | 1:30 PM | Dessert Break • Visit Exhibitors |

| START TIME | END TIME | | | | |
|---|---|---|---|---|---|
| 1:30 PM | 1:50 PM | **W08** Fast Focus: Hybrid Web Frameworks<br>*- Allen Conway* | **W09** Fast Focus: What's New in EF Core 5<br>*- Jim Wooley* | **W10** Fast Focus: API Versioning<br>*- Philip Japikse* | |
| 2:00 PM | 2:20 PM | **W11** Fast Focus: The Knights Who Say "NI!" …<br>A Developer Tale *- Marcel de Vries* | **W12** Fast Focus: The 5 Things Every Developer Must Absolutely Know about Azure SQL *- Davide Mauri* | **W13** Fast Focus: PowerApps and Flow Tips and Tricks<br>*- Rodrigo Pinto* | |
| 2:30 PM | 3:45 PM | **W14** TypeScript: Moving Beyond the Basics<br>*- Allen Conway* | **W15** Building Enterprise Blazor Apps Using CSLA .NET *- Rockford Lhotka* | **W16** One Band - One Song<br>*- Philip Japikse* | **W17** PowerShell for Development<br>*- Rodrigo Pinto* |
| 4:00 PM | 5:15 PM | **W18** Building a Progressive Web App (PWA) Using Angular *- Allen Conway* | **W19** Cross Platform Development with UNO<br>*- Tony Champion* | **W20** The Not-So-SOLID Principles of Software Development *- Chris Klug* | **W21** C# Past, Present, and Beyond<br>*- Jim Wooley* |
| 6:30 PM – 8:30 PM | | VSLive!'s "Bucket List" Tour of Austin |

| START TIME | END TIME | Day 3: Thursday, June 16, 2022 |
|---|---|---|
| 7:30 AM | 8:00 AM | Registration • Coffee and Morning Pastries |

| START TIME | END TIME | | | | |
|---|---|---|---|---|---|
| 8:00 AM | 9:15 AM | **TH01** ASP.NET Core Beyond the Basics<br>*- Chris Klug* | **TH02** Deep Dive: Azure Cosmos DB<br>*- Leonard Lobel* | **TH03** Top 10 Ways to Go from Good to Great Scrum Master *- Benjamin Day* | **TH04** Get Func-y: Understanding Delegates in .NET *- Jeremy Clark* |
| 9:30 AM | 10:45 AM | **TH05** Create Intelligent Bots with Azure Bot Service and Cognitive Services *- Eric D. Boyd & Derek Wade* | | **TH06** Debunking What Makes a Great Leader<br>*- Jenn Donahue* | **TH07** I Don't Feel So Well... Integrating Health Checks in Your .NET Core Solutions *- Alex Thissen* |
| 11:00 AM | 12:15 PM | **TH08** Building a Better GitHub Pages Experience Using Azure Services, How Hard Can It be? *- Chris Klug* | **TH09** The Serverless Azure Database<br>*- Steve Jones* | **TH10** Words for Leaders<br>*- Benjamin Day* | **TH11** I'll Get Back to You: Task, Await, and Asynchronous Methods in C#<br>*- Jeremy Clark* |
| 12:15 PM | 1:15 PM | Lunch |
| 1:15 PM | 2:30 PM | **TH12** Deep Dive: Surfing in MAUI<br>*- Sam Basu* | **TH13** Modern Authentication and Authorization with OIDC, OAuth2, and Resource-based Permissions *- Eric D. Boyd & April Rains* | **TH14** Mastering Genuine Leaders: Your Power to Do Great Things *- Jenn Donahue* | **TH15** Using CI and Testing to Prevent Database Problems *- Steve Jones* |
| 2:45 PM | 4:00 PM | | **TH16** Azure Cloud Transformation Done Right<br>*- Marcel de Vries"* | **TH17** Better Parallel Code with C# Channels<br>*- Jeremy Clark* | **TH18** Flagging Your Features - a DevOps Approach to Continuous Release *- Alex Thissen* |

| START TIME | END TIME | Post-Conference Workshops: Friday, June 17, 2022 (Separate entry fee required) |
|---|---|---|
| 7:30 AM | 8:00 AM | Post-Conference Workshop Registration • Coffee and Morning Pastries |
| 8:00 AM | 5:00 PM | **F01** Workshop: Dapr for Building Distributed .NET Applications *- Alex Thissen*     **F02** Workshop: Developer Dive into SQL Server 2019 *- Leonard Lobel* |

*Sessions and speakers subject to change.*

Microsoft Sessions

# KEYNOTE & GENERAL SESSION

**WANT A FRONT-ROW SEAT TO THE FUTURE OF TECHNOLOGY?** Attend the Keynote & General Sessions for Visual Studio Live! Austin to learn what's hot on today's tech landscape and what exciting developments lie ahead for this year and beyond.

We have lined up some of the best in the business to give these sessions we have planned for Visual Studio Live! Austin. While they are busy finalizing their session details you can check out their impressive bios below.
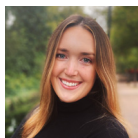
## TUESDAY KEYNOTE

### GitHub – Have Another Look
*– Everyone*
**Tuesday, June 14, 11:00am – 12:00pm**

**Brian Randell**
*Product Marketing Director, GitHub & Visual Studio Live! Conference Co-Chair*

**Brittany O'Shea**
*PMM Director of Application Security, Github*

Many of you know GitHub as the center of open source software. Over 70 million developers and over four million organizations use it for public and private work. But did you know it's also for individuals and enterprises too? In this demo-packed session, you'll get a tour of github.com and all it has to offer including the new projects, advanced security features, Actions, Codespaces, and more! Come see why 84% of the Fortune 100 trust it and how you can get more out GitHub.
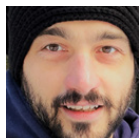
## GENERAL SESSION

### Azure SQL Database: The Developers Data Platform
*– Everyone*
**Wednesday, June 15, 11:00am – 12:00pm**

**Bob Ward**
*Principal Architect, Microsoft Azure Data, Microsoft*

**Drew Skwiers-Koballa**
*Senior Program Manager, Microsoft*

**Davide Mauri**
*Program Manager, Microsoft*

**Muazma Zahid**
*Principal PM Manager, Microsoft*

Every application uses data but how can you find a data platform that meets all of your needs as a developer? Come learn in this general session about all the latest innovations for Azure SQL Database from the team who built it and runs it. Learn why choosing a cloud database service is the right choice for any application and all developers.

# FULL-DAY HANDS-ON LABS *(Separate entry fee required)*

Visual Studio Live! Austin offers four instructor-led, pre-conference Hands-On Labs to help you take your dev skills to a new level. Get intensive, in-depth training to complete your conference experience. Hands-on Labs on Monday, June 13 are included in the 5-Day Conference Package, purchased as a single day pass, or added to a 3-Day, or 4-Day Package.

**Topics covered include:**

• ASP.NET Core App with EF Core

• Cloud-Native .NET Code

• Secure Cloud Apps

• Serverless, Full Stack Applications

These labs are presented on a Bring Your Own Laptop (BYOL) basis.

Attendance for each Hands-On Lab is limited, so be sure to sign up early!

## HOL01

### Hands-On Lab: Develop an ASP.NET Core App with EF Core in a Day

*Intermediate*

PHILIP JAPIKSE

**Monday, June 13, 9:00am – 6:00pm**

Interested in ASP.NET Core and Entity Framework Core, but not sure where to start? Start here with an all-day Hands on Lab where you will build a complete solution using the latest development technology from Microsoft. You will build a data access library using Entity Framework Core, complete with repos and migrations. Next, you will build an ASP.NET Core web application, leveraging all of the latest that ASP.NET Core has to offer, including Tag Helpers, View Components, Dependency Injection, and more!

**You will learn:**
• Learn ASP.NET Core Web Applications (MVC)
• Learn EF Core
• Build an application in a day!

## HOL02

### Hands-On Lab: Learn to Build and Run Cloud-Native .NET Code

*Intermediate*

ROCKFORD LHOTKA

**Monday, June 13, 9:00am – 6:00pm**

In this hands-on lab, you will learn how to design and build cloud-native software, how to deploy the code to containers, and how to run your containers in Docker and Kubernetes (k8s).

Along the way, you will learn how to install and interact with Docker on your local workstation and in Microsoft Azure. Building on that, you will learn how to install and use k8s on your local workstation.

Using that infrastructure, you will learn how to build microservices and n-tier services in .NET 5 and apps in Visual Studio using web APIs, and message-based services. The back-end services will follow cloud-native best practices around microservice and message-based/event-based architecture, 12-factor design. You'll learn how to avoid the fallacies of distributed computing, and more.

You will also build a client-side Blazor app that can run on any device with a modern browser. This app will make use of the backend services running in containers.

**You will learn:**
• How to install Docker and Kubernetes locally
• How to build .NET 5 services that deploy to k8s
• How to implement a microservice-based app with a Blazor front-end

## HOL03

### Hands-on Lab: Build a Secure, Cloud Application in a Day with GitHub

*Intermediate*

BRIAN RANDELL, BRITTANY O'SHEA & JOSH JOHANNING

**Monday, June 13, 9:00am – 6:00pm**

Good DevOps needs to really be good DevSecOps. But how do you get started? To be clear, there's no silver bullet. Doing things right requires a change in your company's culture. A culture that embraces security and changes how solutions are delivered by "shifting left". Changing to embrace agile practices and empower everyone to do the right thing.

GitHub cares about your code. They care about your apps. And they know building awesome apps means they are secure. But how do you get started? In this hands-on workshop, you'll get direct experience with the current state of art in building a "cloud native solution" where you can apply DevSecOps principals and best practices using GitHub Cloud with GitHub Codespaces.

While this hands-on lab is focused primarily on .NET Applications, Brian and the team will cover general practices for all apps supporting components. You'll learn from the beginning about GitHub security and the core workflow of getting code from a developer to a deployed environment in Microsoft Azure. You'll start by learning about the different flavors and versions related to GitHub's offerings both free and paid, with a focus on the cloud. You'll learn critical aspects in getting an enterprise configured and running using GitHub including organizations, adding users, choosing directory authentication, teams, and more.

They'll cover defining your repo strategy, including public, private, and internal visibility. And of course, they'll cover repo settings around security, branch protection, and more. They'll dig into pull requests, best practices, and how to manage the notification madness for a busy GitHub user.

## HANDS-ON LABS *(continued)*

Beyond the code, they'll cover GitHub Issues and the new GitHub Projects feature to help you track work. Later, they'll dig into GitHub Actions for CI/CD and GitHub workflow automation. Finally, they'll dig into GitHub's various features around helping you produce better, more secure code by looking at Dependabot, GitHub Secret scanning, and Code QL.

All through the day you'll get information and get to try things out using your web browser, GitHub Codespaces, and Azure. By the end of the workshop, you should be ready to encourage your organization to do more and have a DevSecOps practice, built on GitHub.

**You will learn:**
- How manage your code and assets with GitHub
- How build a cloud native app using GitHub Codespaces
- How to build and release with GitHub

### HOL04

**Hands-On Lab: Build Serverless, Full Stack Applications Including IoT with Azure SQL**

*Intermediate*

BOB WARD, DAVIDE MAURI
& DREW SKWIERS-KOBALLA
**Monday, June 13, 9:00am – 6:00pm**

Join the Azure SQL Product Group to learn how developing apps with modern database capabilities, CI/CD and DevOps, backend API development, and IoT becomes easier, more efficient, and more scalable with Azure SQL Database. This daylong hands-on workshop will focus on two real world scenarios that you can modify for your projects. The main scenario includes learning how to create, build, and deploy modern full stack applications in Azure with the language of your choice (Python, Node.js, .NET) and with a Vue.js frontend. The second scenario includes building IoT solutions that scale with the support of Azure SQL Database. Through these scenarios, you will get familiar with Azure SQL Database (Hyperscale and Serverless), Azure Functions, Azure Static Web Apps, Logic Apps, VS Code, Azure IoT Hub, and GitHub Actions.

## 🔧 FULL-DAY WORKSHOPS

Choose from a range of content and topics by expert presenters with Visual Studio Live! Austin Post-Conference workshops.

**Topics covered include:**

• Dapr for Building Distributed .NET Applications

• Developer Dive into SQL Server 2019Visual Studio 2022

### F01

**Workshop: Dapr for Building Distributed .NET Applications**

*Advanced*

ALEX THISSEN
**Friday, June 17, 8:00am – 5:00pm**

Modern distributed applications require much more than just application logic. Features such as state management for services, communication using publish/subscribe messaging and event driven binding to cloud resources might be needed. Dapr introduces a runtime to offer such building blocks, and is less invasive in your application, allowing you to pick-and-choose what you need. In this workshop, we will look at the approach that the Dapr runtime takes with a sidecar architecture, separating application logic from the Dapr runtime components. You learn to develop distributed applications in .NET using Dapr's features and how to bind to messaging infrastructure, cloud resources and use the actor programming model and client proxies. You will also learn to combine Dapr in your ASP.NET Core applications using routing, controllers and middleware.

**You will learn:**
- Understanding Dapr and side-car architectures
- Dapr components and actor programming model
- Programming container based applications in .NET using Dapr

### F02

**Workshop: Developer Dive into SQL Server 2019**

*Intermediate*

LEONARD LOBEL
**Friday, June 17, 8:00am – 5:00pm**

This full-day workshop will get you up to speed on powerful new features in SQL Server 2019. Lenni will pull no punches as he rips through the most important SQL Server features for developers in this intensive demo-packed tour.

We'll kick things off with the broad multi-platform support across Windows, Linux, and Docker. Learn how SQL Server's ability to run inside Docker containers on both Windows and Mac will revolutionize the way you work with Microsoft's venerable database engine. Then you'll explore all the latest Intelligent Query Processing (IQP) enhancements added in SQL Server 2019, which delivers groundbreaking performance improvements to the query engine. We'll then move on to the latest development platform improvements, including machine learning services with R and Python, integrated JSON support, support for graph databases, stretch database, and temporal tables.

Next we'll explore security features, such as dynamic data masking and row-level security. We'll dig into Always Encrypted, and demonstrate SQL Server 2019's support for secure enclaves that enables rich query of encrypted data in use. You'll also see the new data classification features in SQL Server 2019 to help you cope with GDPR and HIPPA privacy concerns. We'll wrap up with the latest PolyBase enhancements in SQL Server 2019 to query external data in Azure Blob Storage, Cosmos DB, Oracle, and other remote data sources.

You'll learn a ton of new SQL Server features in this information-packed day!

**You will learn:**
- How to boost your productivity by running SQL Server inside Docker containers
- Intelligent Query Processing features and modern development platform for machine learning with R and Python
- Discover the newest security features in Always Encrypted with secure enclaves, and the latest data virtualization capabilities with PolyBase

# SESSION DESCRIPTIONS BY TRACK

## DEVOPS AND BEYOND

In 2022, it's become crystal clear that providing remote access and automation that is secure, easy to access, and readily available are critical to modern teams being successful. DevOps has been called the "second decade of Agile". We've learned much about what it means to be agile and to "do DevOps", and organizations that have thrived in times of uncertainty know that DevOps is the way that modern teams deliver value to their customers with both speed and high quality.

As part of an organizational transformation, DevOps starts with a focus on people and better process and then, yes, great products are adopted to increase productivity and reduce friction. DevOps is all about the enablement and acceleration of continuous value delivery. After participating in sessions in this track, you'll walk away confident in your knowledge about the why, how, and what of modern DevOps. Our DevOps experts will leverage their knowledge and experiences to expose you to the latest tools, strategies, and leading practices.

**You'll find coverage of:**
- Azure and GitHub: the big picture
- DevOps for the SQL Server database with GitHub
- GitHub Advanced Security (GHAS)
- Azure DevOps corporate templates
- PowerShell for development
- Using CI and testing to prevent database problems
- Flagging your features
- Fast Focus: PowerApps and Flow tips and tricks
- Hands-on Lab: Build a Secure, Cloud Application in a Day with GitHub

### HOL03

**Hands-on Lab: Build a Secure, Cloud Application in a Day with GitHub**
*Intermediate*
BRIAN RANDELL, BRITTANY O'SHEA & JOSH JOHANNING
**Monday, June 13, 9:00am – 6:00pm**

### T04

**Azure and GitHub the Big Picture**
*Introductory*
MARCEL DE VRIES
**Tuesday, June 14, 8:00 – 9:15am**

### T12

**Database DevOps with SQL Server on Docker with GitHub**
*Intermediate*
BRIAN RANDELL
**Tuesday, June 14, 1:30 – 2:45pm**

### W04

**How to Implement Developer-optimized Application Security**
*Intermediate*
BRITTANY O'SHEA
**Wednesday, June 15, 8:00 – 9:15am**

### W07

**Azure DevOps Corporate Templates for the Enterprise, Covering SharePoint Framework, Teams and Azure**
*Intermediate*
RODRIGO PINTO
**Wednesday, June 15, 9:30 – 10:45am**

### W13

**Fast Focus: PowerApps and Flow Tips and Tricks**
*Intermediate*
RODRIGO PINTO
**Wednesday, June 15, 2:00 – 2:20pm**

### W17

**PowerShell for Development**
*Intermediate*
RODRIGO PINTO
**Wednesday, June 15, 2:30 – 3:45pm**

### TH15

**Using CI and Testing to Prevent Database Problems**
*Intermediate*
STEVE JONES
**Thursday, June 16, 1:15 – 2:30pm**

### TH18

**Flagging Your Features - a DevOps Approach to Continuous Release**
*Advanced*
ALEX THISSEN
**Thursday, June 16, 2:45 – 4:00pm**

I THOUGHT ALL THE SPEAKERS I HEARD WERE VERY KNOWLEDGEABLE, FRIENDLY AND NOT TRYING TO MARKET THEIR COMPANIES OR SERVICES.  THERE WAS NO TECHNOLOGY HARD SELL AND I APPRECIATED THAT.

*– Karl Wiggins, Visual Studio Live!*
*Austin 2018 attendee*

## SESSION DESCRIPTIONS BY TRACK *(continued)*

### ☁ CLOUD, CONTAINERS, AND MICROSERVICES

Cloud computing is no longer new. For most organizations, it's not a matter of "if", it's more about how much. Container technologies such as Docker and Kubernetes (aka k8s) are having a large impact on cloud computing, as well as on software architecture. This is perhaps most clear when thinking about service-oriented, or microservice, software architectures and how they can be used to leverage cloud- and container-based environments. It is hard to imagine any enterprise development scenario where one or more of these trends would not be high on the list of critical skills.

**This track includes coverage of the following:**
- Jamstack Foundations, building scalable APIs
- The many ways to Docker in Azure
- Repeatable infrastructure creation with Helm and K8s
- Modern authentication and authorization
- Azure cloud transformations
- Introduction to service meshes on Kubernetes
- Hands-on Lab: Learn to Build and run cloud-native .NET Code

### HOL02

**Hands-On Lab: Learn to Build and Run Cloud-Native .NET Code**

*Intermediate*

ROCKFORD LHOTKA
**Monday, June 13, 9:00am – 6:00pm**

### T08

**An Introduction to Service Meshes on Kubernetes**

*Intermediate*

MARCEL DE VRIES
**Tuesday, June 14, 9:30 – 10:45am**

### T14

**⬛ Jamstack Foundations: Building Scalable API from the Ground Up**

*Introductory / Intermediate*

DAVIDE MAURI
**Tuesday, June 14, 3:00 – 4:15pm**

### W02

**Choosing from the Many Ways to Docker in Azure**

*Introductory*

ROB RICHARDSON
**Wednesday, June 15, 8:00 – 9:15am**

### W05

**At the Helm of Kubernetes: Repeatable Infrastructure Creation for Mere Mortals**

*Introductory / Intermediate*

ROB RICHARDSON
**Wednesday, June 15, 9:30 – 10:45am**

### W12

**⬛ Fast Focus: The 5 Things Every Developer Must Absolutely Know about Azure SQL**

*Introductory / Intermediate*

DAVIDE MAURI
**Wednesday, June 15, 2:00 – 2:20pm**

### TH13

**Modern Authentication and Authorization with OIDC, OAuth2, and Resource-based Permissions**

*Introductory / Intermediate*

ERIC D. BOYD & APRIL RAINS
**Thursday, June 16, 1:15 – 2:30pm**

### TH16

**Azure Cloud Transformation Done Right**

*Introductory*

MARCEL DE VRIES
**Thursday, June 6, 2:45 – 4:00pm**

# SESSION DESCRIPTIONS BY TRACK *(continued)*

## AI, DATA, AND MACHINE LEARNING

Data has once again become one of the hottest topics in our industry and ecosystem. SQL Server 2019 is a juggernaut, SQL Server 2022 is preview, Azure SQL Database continually improves, Cosmos DB is coming on strong and Entity Framework is ever-more relevant in the modern .NET world. There's no room for anyone to be complacent when it comes to data, and we're here to keep you up to date.

This track includes coverage of the following:

- Building secure, scalable, and highly available applications with Azure SQL Database
- Entity Framework performance monitoring and tuning
- Two special sessions from Microsoft (topics to be announced)
- The Serverless Azure database
- Deep Dive: Cosmos DB
- Fast Focus: What's new in EF Core 5
- Workshop: Developer deep dive into SQL Server 2019
- Hands-on Lab: Build Serverless, Full stack Applications including IoT with Azure SQL

### HOL04

**Hands-On Lab: Build Serverless, Full Stack Applications Including IoT with Azure SQL**
*Intermediate*
BOB WARD, DAVIDE MAURI
& DREW SKWIERS-KOBALLA
**Monday, June 13, 9:00am – 6:00pm**

### T02

**How to Build Secure, Scalable, and Highly Available Applications with Azure SQL Database**
*Intermediate*
BOB WARD
**Tuesday, June 14, 8:00 – 9:15am**

### T06

**No More Sharding! Rethink your DAL to Leverage Database Scaleoutability, Improve Performances and Reduce Costs**
*Intermediate / Advanced*
DAVIDE MAURI
**Tuesday, June 14, 9:30 – 10:45am**

### T10

**Customers Building Cool Applications on Azure SQL Database**
*Intermediate*
SANJAY MISHRA & BOB WARD
**Tuesday, June 14, 1:30 – 2:45pm**

### W03

**Modern DevOps for Azure SQL**
*Introductory / Intermediate*
DREW SKWIERS-KOBALLA
**Wednesday, June 15, 8:00 – 9:15am**

### W06

**Entity Framework Performance Monitoring and Tuning**
*Intermediate / Advanced*
JIM WOOLEY
**Wednesday, June 15, 9:30 – 10:45am**

### W09

**Fast Focus: What's New in EF Core**
*Intermediate*
JIM WOOLEY
**Wednesday, June 15, 1:30 – 1:50pm**

### TH02

**Deep Dive: Azure Cosmos DB**
*Intermediate*
LEONARD LOBEL
**Thursday, June 16, 8:00 – 10:45am**

### TH09

**The Serverless Azure Database**
*Introductory*
STEVE JONES
**Thursday, June 16, 11:00am – 12:15pm**

### F02

**Workshop: Developer Dive into SQL Server 2019**
*Intermediate*
LEONARD LOBEL
**Friday, June 17, 8:00am – 5:00pm**

# SESSION DESCRIPTIONS BY TRACK *(continued)*

## 👆 DEVELOPING NEW EXPERIENCES

The expectations around "user experience" are being upended right before our eyes. In today's world you need to understand not only graphical interactions with keyboard, mouse, touch, and stylus, but also gesture, 3D, mixed-reality, and more. Fortunately, we've got you covered with content for rich multi-platform apps to the latest for Windows developers and even bots for good measure.

**This track includes coverage of the following:**

- Building enterprise Blazor apps using CSLA .NET
- Cross-platform development with UNO
- Creating intelligent bots with Azure Bot Service and Cognitive Services
- Design thinking for software development teams
- UX design in a virtual world
- Deep Dive: MAUI .NET

### T05

**Design Thinking for App Dev Teams: Why and How**

*Introductory*

BILLY HOLLIS
**Tuesday, June 14, 9:30 – 10:45am**

### T13

**UX Design in a Virtual World**

*Introductory*

BILLY HOLLIS
**Tuesday, June 14, 3:00 – 4:15pm**

### W15

**Building Enterprise Blazor Apps Using CSLA .NET**

*Introductory / Intermediate*

ROCKFORD LHOTKA
**Wednesday, June 15, 2:30 – 3:45pm**

### W19

**Cross Platform Development with UNO**

*Introductory / Intermediate*

TONY CHAMPION
**Wednesday, June 15, 4:00 – 5:15pm**

### TH05

**Create Intelligent Bots with Azure Bot Service and Cognitive Services**

*Introductory / Intermediate*

ERIC D. BOYD & DEREK WADE
**Thursday, June 16, 9:30 – 10:45am**

### TH12

**Deep Dive: Surfing in Maui**

*Intermediate*

SAM BASU
**Thursday, June 16, 1:15 – 4:00pm**

## SESSION DESCRIPTIONS BY TRACK *(continued)*

### ✔ TECHNICAL EXCELLENCE AND LEADERSHIP SKILLS

Every software team member knows that there's more to delivering truly great products than writing solid code and having the best of breed tooling. Modern software teams that experience the greatest successes understand that strong leadership of highly motivated and skilled people are the difference, and that building better teams means building better solutions. The practices and techniques that team members use to understand and analyze the problem space, to manage interpersonal communication and conflict, and to deliver solutions that delight the end users are key to their success.

People are not born leaders; leaders are cultivated from anyone who is motivated to make a difference! Whether you're a leader by title or by necessity, the skills and practices shared in this track will enable you to have more effective interactions. This track has something for everyone from experienced leaders to aspiring leaders.

**Topics in this track include:**
- Words for leaders, communication that inspires and builds trust
- Elevating your effectiveness as a scrum master
- The defining traits of great leaders
- Tools and skills to becoming a trusted and effective leader
- One band - one song – facilitating team cohesiveness and growth
- Not so-SOLID principals of software development
- Frameworks and techniques for effective Performance feedback
- Cultivating a culture of creativity, collaboration, and captainship
- A perspective on the "Not Invented Here" mentality in the software industry

### T11

**The Power of Performance Feedback**
*Introductory*
AMBER VANDERBURG
**Tuesday, June 14, 1:30 – 2:45pm**

### T15

**Cultivating a Culture of Creativity, Collaboration, and Captainship**
*Introductory*
AMBER VANDERBURG
**Tuesday, June 14, 3:00 – 4:15pm**

### W11

**Fast Focus: The Knights Who Say "NI!"... A Developer Tale**
*Introductory*
MARCEL DE VRIES
**Wednesday, June 15, 2:00 – 2:20pm**

### W16

**One Band - One Song**
*Intermediate*
PHILIP JAPIKSE
**Wednesday, June 15, 2:30 – 3:45pm**

### W20

**The Not-So-SOLID Principles of Software Development**
*Introductory / Intermediate*
CHRIS KLUG
**Wednesday, June 15, 4:00 – 5:15pm**

### TH03

**Top 10 Ways to Go from Good to Great Scrum Master**
*Intermediate / Advanced*
BENJAMIN DAY
**Thursday, June 16, 8:00 – 9:15am**

### TH06

**Debunking What Makes a Great Leader**
*Intermediate*
JENN DONAHUE
**Thursday, June 16, 9:30 – 10:45am**

### TH10

**Words for Leaders**
*Intermediate / Advanced*
BENJAMIN DAY
**Thursday, June 16, 11:00am – 12:15pm**

### TH14

**Mastering Genuine Leaders: Your Power to Do Great Things**
*Intermediate*
JENN DONAHUE
**Thursday, June 3, 1:15 – 2:30pm**

**I ENJOY THAT THIS CONFERENCE TENDS TO BE SMALLER. IT GIVES ME AN OPPORTUNITY TO EASILY MEET OTHER DEVELOPERS TO DISCUSS VARIOUS ISSUES.**

*– Visual Studio Live! Austin 2018 attendee*

## THE CORE OF .NET

The heart of the Microsoft development experience has been the .NET Framework. But it's changed a lot in the era of .NET Core. And now we have a single, unified version, .NET 6. You need to understand these major changes in the platform, not to mention the cool features being added to C#. These are the foundation-level topics you need to know for success in the Microsoft development world.

**Topics in this track include:**

- What's New in .NET 6 APIs
- GitHub CodeSpaces
- What's New in C# 10
- C# Past, Present, and Beyond
- Understanding Delegates in .NET
- Integrating health checks into .NET Core solutions
- Task, Await, and Asynchronous Methods in C#
- Better Parallel Code with C# Channels
- Fast Focus on API Versioning
- Workshop: Dapr for Building Distributed .NET Applications

### T03

**What's New in .NET 6 APIs**
*Intermediate*
JASON BOCK
**Tuesday, June 14, 8:00 – 9:15am**

### T07

**Build .NET Apps More Quickly with GitHub CodeSpaces**
*Intermediate*
BRIAN RANDELL
**Tuesday, June 14, 9:30 – 10:45am**

### T16

**What's New in C# 10**
*Intermediate*
JASON BOCK
**Tuesday, June 14, 3:00 – 4:15pm**

### W10

**Fast Focus: API Versioning**
*Intermediate*
PHILIP JAPIKSE
**Wednesday, June 15, 1:30 – 1:50pm**

### W21

**C# Past, Present, and Beyond**
*Intermediate / Advanced*
JIM WOOLEY
**Wednesday, June 15, 4:00 – 5:15pm**

### TH04

**Get Func-y: Understanding Delegates in .NET**
*Introductory / Intermediate*
JEREMY CLARK
**Thursday, June 16, 8:00 – 9:15am**

### TH07

**I Don't Feel So Well... Integrating Health Checks in Your .NET Core Solutions**
*Advanced*
ALEX THISSEN
**Thursday, June 16, 9:30 – 10:45am**

### TH11

**I'll Get Back to You: Task, Await, and Asynchronous Methods in C#**
*Introductory / Intermediate*
JEREMY CLARK
**Thursday, June 16, 11:00am – 12:15pm**

### TH17

**Better Parallel Code with C# Channels**
*Intermediate*
JEREMY CLARK
**Thursday, June 16, 2:45 – 4:00pm**

### F01

**Workshop: Dapr for Building Distributed .NET Applications**
*Advanced*
ALEX THISSEN
**Friday, June 17, 8:00am – 5:00pm**

# SESSION DESCRIPTIONS BY TRACK *(continued)*

## FULL STACK WEB DEVELOPMENT

Web development has become the dominant approach for building enterprise software. To provide your best on every project, you need to understand the server and browser client worlds. On the server, there's ASP.NET using .NET 6 with MVC, Razor Pages, and support for building services. The browser client is evolving rapidly, with constant changes and updates to JavaScript, TypeScript, Angular, and other related frameworks. But more than this, there's now Blazor Server and Blazor Client (aka WebAssembly) and the ability to run other languages natively in the browser. Your need to keep up to date with all these technologies has never been greater, and we're here to give you the knowledge you need!

**Topics in this track include:**

- Getting Started with ASP.NET Core
- ASP.NET Core, beyond the basics
- Building secure and scalable APIs in .NET 6
- TypeScript, beyond the basics
- Building Progressive Web Apps (PWAs) using Angular
- Building a GitHub Pages experience using Azure services
- Deep Dive on Blazor
- Fast Focus: Hybrid Web Frameworks
- Hands-on Lab: Develop an ASP.NET Core App with EF Core in a Day

### HOL01

**Hands-On Lab: Develop an ASP.NET Core App with EF Core in a Day**
*Intermediate*
PHILIP JAPIKSE
**Monday, June 13, 9:00am – 6:00pm**

### T01

**Getting Started with ASP.NET Core**
*Introductory*
PHILIP JAPIKSE
**Tuesday, June 14, 8:00 – 9:15am**

### T09

**Building Secure and Scalable APIs in .NET 6**
*Intermediate / Advanced*
TONY CHAMPION
**Tuesday, June 14, 1:30 – 2:45pm**

### W01

**Deep Dive on Blazor: The Run Everywhere with .NET UI Framework**
*Introductory / Intermediate*
ROCKFORD LHOTKA
**Wednesday, June 15, 8:00 – 10:45am**

### W08

**Fast Focus: Hybrid Web Frameworks**
*Introductory*
ALLEN CONWAY
**Wednesday, June 15, 1:30 – 1:50pm**

### W14

**TypeScript: Moving Beyond the Basics**
*Intermediate / Advanced*
ALLEN CONWAY
**Wednesday, June 15, 2:30 – 3:45pm**

### W18

**Building a Progressive Web App (PWA) Using Angular**
*Intermediate*
ALLEN CONWAY
**Wednesday, June 15, 4:00 – 5:15pm**

### TH01

**ASP.NET Core Beyond the Basics**
*Advanced*
CHRIS KLUG
**Thursday, June 16, 8:00 – 9:15am**

### TH08

**Building a Better GitHub Pages Experience Using Azure Services, How Hard Can It Be?**
*Introductory / Intermediate*
CHRIS KLUG
**Thursday, June 16, 11:00am – 12:15pm**

# CONFERENCE CHAIRS & SPEAKERS

## CONFERENCE CHAIRS

**Andrew Brust**
*Founder & CEO, Blue Badge Insights*
*Visual Studio Live! Conference Co-Chair*

**Angela Dugan**
*Delivery Director, 3Cloud Solutions*
*Visual Studio Live! Conference Co-Chair*

**Rockford Lhotka**
*Chief Software Architect, Marimer LLC*
*Visual Studio Live! Conference Co-Chair*

**Brian Randell**
*Product Marketing Director, GitHub*
*Visual Studio Live! Conference Co-Chair*

## SPEAKERS

**Sam Basu**
*Developer Advocate, Progress Software*

**Benjamin Day**
*Author, Trainer, Developer*

**Steve Jones**
*Editor, SQLServerCentral*

**Brittany O'Shea**
*PMM Director of Application Security, GitHub*

**Alex Thissen**
*Cloud Buster, Xpirit*

**Jason Bock**
*Developer Advocate - Rocket Mortgage*

**Marcel de Vries**
*CO-Founder & CTO, Xpirit*

**Chris Klug**
*Developer / Code Monkey / Bug Creator, Active Solution*

**Rodrigo Pinto**
*Enterprise Architect, Storm Technology*

**Amber Vanderburg**
*HR Ninja*

**Eric D. Boyd**
*Founder and CEO, responsiveX*

**Jenn Donahue**
*Speaker, US Navy Captain (ret), Engineer*

**Rockford Lhotka**
*Chief Software Architect, Marimer LLC*

**April Rains**
*Senior Consultant, responsiveX*

**Derek Wade**
*Senior Consultant, responsiveX*

**Tony Champion**
*President & Lead Software Architect, Champion DS*

**Billy Hollis**
*XAML Slinger*

**Leonard Lobel**
*CTO, Sleek Technologies, Inc.*

**Brian Randell**
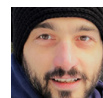*Product Marketing Director, GitHub*

**Bob Ward**
*Principal Architect, Microsoft Azure Data, Microsoft*

**Jeremy Clark**
*Developer Educator, JeremyBytes.com*

**Philip Japikse**
*Developer, Coach, Author, Teacher*

**Davide Mauri**
*Program Manager, Microsoft*

**Rob Richardson**
*Software Craftsman*

**Jim Wooley**
*Solution Architect, Slalom Consulting*

**Allen Conway**
*Practice Lead, Cognizant Softvision*

**Josh Johanning**
*Senior DevOps Architect, GitHub*

**Sanjay Mishra**
*Principal Group PM Manager, Microsoft*

**Drew Skwiers-Koballa**
*Sr. Program Manager, Microsoft*

**Muazma Zahid**
*Principal PM Manager, Microsoft*

# VENUE & TRAVEL

## LOCATION

Take advantage of the $239.00* room rate by May 20th

**HYATT REGENCY AUSTIN**

208 Barton Springs Road
Austin, TX, 78704

Special attendee rate: $239.00*
Book by: May 20, 2022

Book your room online for the Visual Studio Live! Room Block. The offer is subject to room availability, so make sure to book early.

Hyatt Regency rooms booked within the Visual Studio Live! room block include:

• Complimentary standard Wi-Fi
• Coffeemaker with complimentary Starbucks® coffee
• Access to the StayFit™ Fitness Center
• 50% discount on self-parking

*The special attendee room rate is based on single or double occupancy. The room rate does not include applicable state, local and occupancy taxes.*
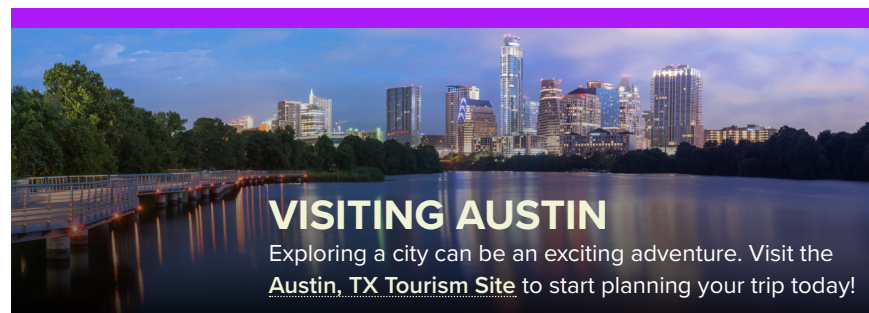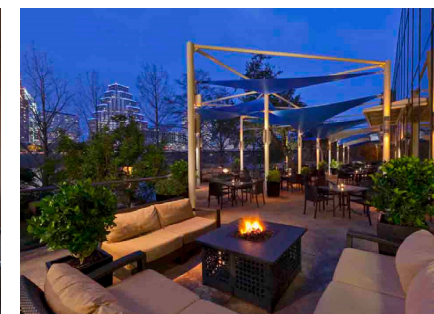
## VISITING AUSTIN

Exploring a city can be an exciting adventure. Visit the **Austin, TX Tourism Site** to start planning your trip today!

# CONFERENCE AND HOTEL PRICING PACKAGES

**VISUAL STUDIO LIVE! OFFERS SEVERAL CONFERENCE AND HOTEL PACKAGES** to best suit your needs and budget. Register now to save your seat and remember to book your hotel early too before it sells out!

## CONFERENCE PACKAGES

| Every Conference Package grants you access to every Keynote, Session, Coffee and Pastries, Lunch, and Welcome Reception | SUPER EARLY BIRD UNTIL APRIL 8 | EARLY BIRD UNTIL MAY 20 | STANDARD UNTIL JUNE 13 |
|---|---|---|---|
| **5-DAY CONFERENCE PACKAGE** + Full Day Hands-On Lab and Full Day Workshop *(Monday - Friday)* | **$2,675** | **$2,775** | **$3,075** |
| **4-DAY CONFERENCE PACKAGE** + One Workshop *(Tuesday - Friday)* | **$2,175** | **$2,275** | **$2,575** |
| **3 DAY CONFERENCE PACKAGE** *(Tuesday-Thursday)* | **$1,675** | **$1,775** | **$2,075** |
| **FULL DAY HANDS-ON LAB** *(Monday)* | **$650** expired | **$700** | **$750** |

## ADD THE HOTEL PACKAGE
At the Hyatt Regency Austin

**5 DAY HOTEL PACKAGE***

**$1,400**

Check In: Sunday, June 12 | Check Out: Fri, June 17

**4 DAY HOTEL PACKAGE***

**$1,125**

Check In: Monday, June 13 | Check Out: Fri, June 17

**3 DAY HOTEL PACKAGE***

**$850**

Check In: Mon, June 13 | Check Out: Thur, June 16

*\* The Hotel Package includes applicable state, local and occupancy taxes.*

# DISCOUNTS & SPECIAL SAVINGS

## TEAM DISCOUNTS: BRING THE TEAM AND SAVE BIG!

Visual Studio Live! Austin offers savings to teams of 3 or more from the same company and registering for the same package. Looking to bring 10 or more? Contact our Conference Registrar at **sross@converge360.com** or at 949.296.9840.

### TEAM PACKAGES

| Every Conference Package grants you access to every Keynote, Session, Coffee and Pastries, Lunch, and Welcome Reception | SUPER EARLY BIRD UNTIL APRIL 8 | EARLY BIRD UNTIL MAY 20 | STANDARD UNTIL JUNE 13 |
|---|---|---|---|
| **5-DAY CONFERENCE PACKAGE** + Full Day Hands-On Lab and Full Day Workshop *(Monday - Friday)* | **$2,375** | **$2,475** | **$2,775** |
| **4-DAY CONFERENCE PACKAGE** + One Workshop *(Tuesday - Friday)* | **$1,875** expired | **$1,975** | **$2,275** |

**SPEAKERS ARE TOP-NOTCH AND KNOW THEIR SUBJECTS VERY WELL. ALSO, THEY ARE VERY APPROACHABLE AND WILLING TO HELP OUTSIDE OF THE SESSION.**

*– Josh Payne, Visual Studio Live! Austin 2018 attendee*

## MORE DISCOUNTS

### ALUMNI
Welcome back! If you have attended any Visual Studio Live!, TechMentor or Live! 360 event, you qualify for our special alumni discount. You should receive alumni special promotions, but if not, please contact our Conference Registrar at **sross@converge360.com** or 949.296.9840.

### EDUCATION
We offer full-time college students and faculty from accredited universities a discount. To receive this discount, please contact our Conference Registrar at **sross@converge360.com** or 949.296.9840. Subject to Visual Studio Live! verification.

### NEW DEVELOPER
If you are a new Developer (or new to the Microsoft Platform) with less than three years of experience, you are eligible for $600 off of our full price conference registration to help accelerate your career. Use Promo Code NDD. Subject to Visual Studio Live! verification.

### GOVERNMENT/ NON-PROFIT
Employees of a national, federal, state, or local government entity or a nonprofit with 501(c) status are eligible to take advantage of our discount. To receive this discount, please contact our Conference Registrar at **sross@converge360.com** or 949.296.9840. Subject to Visual Studio Live! verification.

# UPCOMING 2022 CONFERENCES

**TechMentor Microsoft HQ**
**August 8-12, 2022**

Microsoft Conference Center,
Redmond, WA/Hyatt Regency Bellevue

techmontorevents.com

**Visual Studio Live! Microsoft HQ**
**August 8-12, 2022**

Microsoft Conference Center,
Redmond, WA/Hyatt Regency Bellevue

vslive.com/microsofthq

**Visual Studio Live! San Diego**
**September 25-29, 2022**

Hard Rock Hotel,
San Diego, CA

vslive.com/sandiego

**Live! 360 Orlando**
**November 13-18, 2022**

Loews Royal Pacific Resort,
Orlando, FL

**FOR MORE INFO ON LIVE! 360**
live360events.com