

Microsoft Build

May 23–25, 2023

.NET

View all .NET sessions in the [session catalog](#).

Breakout Sessions

[What's new in .NET 8 for Web, frontends, backends, and futures?](#)

Presenters: Daniel Roth, Jeremy Likness

[What's new in C# 12 and beyond](#)

Presenters: Dustin Campbell, Mads Torgersen

[Cloud-native development with .NET 8](#)

Presenters: Brady Gaster, Immo Landwerth

[All things client and mobile app development with .NET](#)

Presenters: David Ortinau, Maddy Montaquila

[Kickstart your .NET modernization journey with the RWA pattern](#)

Presenters: Kristina Halfdane, Matt Soucoup, Nish Anil

[Deep dive into .NET performance and native AOT](#)

Presenters: Damian Edwards, David Fowler

Discussions

[Costs and benefits of .NET Application Migration to the cloud, Q&A](#)

Presenters: Guy Bowerman, Mayunk Jain, Naga Surendran, Nate Ceres

[ASP.NET Core and Blazor futures, Q&A](#)

Presenters: Damian Edwards, Daniel Roth, David Fowler, Jeremy Likness

[.NET languages, Q&A](#)

Presenters: Dustin Campbell, Kathleen Dollard, Mads Torgersen

[Kickstart your modernization journey with the reliable web app pattern, Q&A](#)

Presenters: Kristina Halfdane, Matt Soucoup, Nish Anil

[What's new in .NET Multi-platform App UI \(MAUI\), Q&A](#)

Presenters: Becky Buckler, David Ortinau, Maddy Montaquila

Demos and Labs | In-person only

DEM100A | [Upgrade your .NET projects with Visual Studio](#)
Experts: Olia Gavrysh

DEM101B | [Full stack web in .NET 8 with Blazor](#)
Experts: Daniel Roth

DEM100B | [Upgrading from Xamarin to .NET MAUI](#)
Experts: David Ortinau, Maddy Montaquila

DEMFP100 | [Create a Document Viewer using LEADTOOLS AI-Driven, Low-Code Controls](#)
Experts: Hadi Chami

DEM101A | [Angular and ReactJS for mobile and desktop apps](#)
Experts: David Ortinau

LAB100 | [LAB: Modernize with .NET on Azure App Service](#)
Experts: Isabelle Bersano

**Subject to change*

Microsoft Build

May 23–25, 2023

AI

View all AI sessions in the [session catalog](#).

Breakout Sessions

[Build apps with state-of-the-art computer vision](#)

Presenters: Adina Trufinescu

[Building and using AI models responsibly](#)

Presenters: Mehrnoosh Sameki, Sarah Bird, Wenxin Wei

[Build and maintain your company Copilot with Azure ML and GPT-4](#)

Presenters: Gregory Buehrer

[Getting started with generative AI using Azure OpenAI Service](#)

Presenters: Dom Divakaruni, Neta Haiby, Pablo Castro

[Build end-to-end AI solutions using new Azure AI products and features](#)

Presenters: Marco Casalaina

[Leverage AI kits for faster AI solutions tailored to your needs](#)

Presenters: Brian Rogers

Discussions

[Building an AI Copilot with Semantic Kernel in the GPT-4 era](#)

Presenters: Tim Laverty

[Build and Maintain your Company Copilot with Azure ML and GPT-4, Q&A](#)

Presenters: Christian Gero, Seth Juarez

[Practical deep dive into machine learning techniques and MLOps](#)

Presenters: Christian Gero, Seth Juarez

[Operationalization of AI/ML models and use cases for ChatGPT, Q&A](#)

Presenters: Manisha Jain

[Responsible AI: How to build models to check for fairness, Q&A](#)

Presenters: Besmira Nushi, Steve Sweetman

[Building computer vision applications, Q&A](#)

Presenters: Fisayo Okikiolu

Demos and Labs | In-person only

DEM110A

[Introducing ChatGPT on Azure OpenAI Service](#)

Experts: David Smith, Derek Legenzoff

DEM112A

[Bring next-gen language capabilities directly into your AI apps](#)

Experts: Xiaoying Guo

DEMFP121

[Accelerated distributed AI Applications with Azure](#)

Experts: Kelli Belcher

LAB110

[LAB: Build foundation models using Azure Container for PyTorch and Azure ML](#)

Experts: Parinita Rahi, Savita Mittal

LAB111

[LAB: Build a chat bot using ChatGPT, Azure Cosmos DB, and Blazor](#)

Experts: Mark Brown

LAB112

[LAB: Learn how to use OpenAI models \(e.g. ChatGPT\) using Azure OpenAI](#)

Experts: Krishna Anumalasetty, Mona Whalin

**Subject to change*

Microsoft Build

May 23–25, 2023

Cloud development

View all AI sessions in the [session catalog](#).

Breakout Sessions

[Build intelligent, cloud-native apps with containers and Azure OpenAI](#)

Presenters: Brendan Burns, Mandy Whaley, Scott Hunter

[Inside Azure innovations with Mark Russinovich](#)

Presenters: Mark Russinovich

[Focus on code, not infra with Azure Functions, Azure Spring Apps, Dapr](#)

Presenters: Anthony Chu, Asir Selvasingh, Ramya Oruganti

[Deliver apps from code to cloud with Azure Kubernetes Service](#)

Presenters: Ahmed Sabbour, Jorge Palma

[Secure and observe your APIs no matter where they run](#)

Presenters: Fernando Mejia, Vladimir Vinogradsky

[Modernize .NET and Java web apps in Azure App Service](#)

Presenters: Brian Rogers

Discussions

[Build and ship global full stack serverless web apps, Q&A](#)

Presenters: Daria Grigoriu, Matt Hernandez, Thomas Gauvin

[Cloud-native and Linux on Microsoft Azure, Q&A](#)

Presenters: Aaron Wislang, Paul Yu, Steven Murawski

[Modernizing with containers and serverless, Q&A](#)

Presenters: Daria Grigoriu, Eamon O'Reilly, Jorge Palma, Nick Greenfield

[CBL-Mariner: A container host OS for Azure Kubernetes Service, Q&A](#)

Presenters: Jim Perrin, Olivia Al-Joundi, Sean McKenna

[Achieve more with Azure PaaS: Azure App Service product experts](#)

Presenters: Mayunk Jain, Stefan Schackow, Yun Jung Choi, Yutang Lin

[Take your .NET apps to the cloud with Microsoft Azure, Q&A](#)

Presenters: Jeff Woolsey, Stefan Schackow, Taylor Brown

Demos and Labs | In-person only

DEM120A	Automatic scaling for Azure App Service web apps
DEM120B	Build Intelligent Microservices with Azure Container Apps
DEM121A	Effortlessly troubleshoot your Azure apps with AI-powered recommendations
DEM121B	New confidential container offerings in Microsoft Azure
LAB111	Build a serverless web application end-to-end on Microsoft Azure
LAB112	Taking Azure Kubernetes Service out of the cloud and into your world

**Subject to change*

Microsoft Build

May 23–25, 2023

Collaborative apps

View all AI sessions in the [session catalog](#).

Breakout Sessions

[Copilot + Teams: How to start building intelligent, collaborative apps](#)

Presenters: Ayca Bas, Joey Glocke

[Transform any Microsoft Teams app into a multiplayer experience](#)

Presenters: David Rousset, Hal Bond, Ryan Bliss

[From paper pushers to automation: Automate and protect your documents](#)

Presenters: Ben Vanderbery, Stella Chernyak, Vamsi Vutukuru, Richard Riley

[Beyond 280 M users: How to bring your Teams app to Outlook and Microsoft 365](#)

Presenters: Brent Jackson, Rebecca Burke-Aguero, Sreekanth Thirthala, Tony Balkan

Discussions

[Introducing Fluent 2: Coherent design principles, Q&A](#)

Presenters: EJ Layne, Markus Mielke

[News from around Microsoft Graph, Q&A](#)

Presenters: Jeremy Thake

[Building Adaptive Card-based Loop components for Microsoft 365](#)

Presenters: Luan Nguyen, Megha Sharma

Demos and Labs | In-person only

- | | |
|---------|---|
| DEM130A | Creating custom experiences with Microsoft Mesh
Experts: Brent Jackson, Megha Sharma |
| DEM130B | From idea to app in 15 minutes using Teams Toolkit and GitHub Copilot
Experts: Ayca Bas |
| DEM131B | Learn how to integrate any solution into Viva Connections
Experts: Ashu Rawat, Luca Bandinelli |
| LAB130 | From web services to Teams apps using Teams Toolkit v5.0
Experts: Ayca Bas, Bob German |
| LAB131 | Deploy a Teams app to Azure using Microsoft Teams Toolkit for VS Code
Experts: Ayca Bas, Bob German |
| LAB132 | Build an intelligent app for Copilot with Teams Toolkit
Experts: Ankit Govil, Sid Uppal, Steven Ickman |

**Subject to change*

Data platform

View all AI sessions in the [session catalog](#).

Breakout Sessions

[Analytics in the Age of AI](#)

Presenters: Amir Netz, Arun Ulagaratchagan, Patrick Baumgartner, Justyna Lucznik

[Build scalable, cloud-native apps with Kubernetes and Azure Cosmos DB](#)

Presenters: Mark Brown, Pavneet Ahluwalia

[Increase developer velocity with Azure SQL Database, from data to API](#)

Presenters: Mehrnoosh Sameki, Sarah Bird, Wenxin Wei

Discussions

[Synapse data warehouse, Q&A](#)

Presenters: Bogdan Crivat, Priya Sathy

[Azure Cosmos DB for MongoDB: Choosing the right architecture, Q&A](#)

Presenters: Gahl Levy

[Practical deep dive into macBuild scalable and secure enterprise apps on OSS databases, Q&A and learning techniques and MLOps](#)

Presenters: Dinesh Madhusoodanan, Sunil Agarwal

[Modernize your applications on Azure SQL Managed Instance, Q&A](#)

Presenters: Eric Hudson

[Database capabilities you need for your next awesome app, Q&A](#)

Presenters: Gary Hope, Ken Myers, Yoni Nijis

[All about data analytics, Q&A](#)

Presenters: Bogdan Crivat, Justyna Lucznik, Priya Sathy, Wee Hyong Tok

Demos and Labs | In-person only

- | | |
|---------|---|
| DEM140A | Further, faster with Azure Functions and Azure SQL integration
Experts: Drew Skwiers-Koballa |
| DEM140B | Protect your data from tampering with ledger on Azure SQL
Experts: Pieter Vanhove |
| DEM141A | Build a chatbot with Azure Cosmos DB
Experts: Mark Brown |
| LAB140 | Learn how to build a modern data stack in an hour
Experts: Estera Kot, Miguel Escobar |
| LAB111 | Analytics in the Microsoft Intelligent Data Platform DREAM lab
Experts: Sanjay Soni |
| LAB112 | Democratize your data estate with the latest data warehouse
Experts: Priyanka Langade |

Microsoft Build

May 23–25, 2023

Developer tools

View all AI sessions in the [session catalog](#).

Breakout Sessions

[Build apps with state-of-the-art computer vision](#)

Presenters: Amanda Silver

[Develop in the cloud with Microsoft Dev Box](#)

Presenters: Anthony Cangialosi, Varun Gupta

[Self-serve app infrastructure using Azure Deployment Environments](#)

Presenters: Jared Rewerts, Sagar Chandra Reddy Lankala

[Advanced developer tips and tricks in Visual Studio](#)

Presenters: Mads Kristensen

[Develop from anywhere with Visual Studio Code](#)

Presenters: Brigit Murtaugh

[Pragmatic techniques to get the most out of GitHub Copilot](#)

Presenters: Allison Weins, Burke Holland

Discussions

[Java experts at Microsoft, Q&A](#)

Presenters: Brian Benz, Bruno Borges, Mark Heckler

[Build and Maintain your ComDevelopment with accessibility in mind, Q&A pany Copilot with Azure ML and GPT-4, Q&A](#)

Presenters: Anna White, Dante Gagne

[Playwright, Q&A](#)

Presenters: Debbie O'Brien, Max Schmitt, Pavel Feldman

[Python web apps on Microsoft Azure, Q&A](#)

Presenters: Anthony Chu, Byron Tardif, Dawn Wages, Savannah Ostrowski, Steve Dower

[Developer career tools: Saying NO to improve mental health, Q&A](#)

Presenters: Debbie O'Brien, Scott Hanselman

[Building computAutomated cloud application testing with Microsoft Azure and Playwright, Q&A er vision applications, Q&A](#)

Presenters: Debbie O'Brien, Jennifer Perret

Demos and Labs | In-person only

DEM150A

[Five tips to increase your productivity in Visual Studio](#)

Experts: Dalia Abo Sheasha

DEM151A

[Codespaces to Azure in minutes with the Azure Developer CLI](#)

Experts: Savannah Ostrowski

DEM151B

[Test automation with Playwright](#)

Experts: Debbie O'Brien, Max Schmitt

DEMFP140

[Harness the Power of AMD's Hardware Acceleration \(FPGA\) on Azure NP Series](#)

LAB150

[Interactive tutorial: Automated cloud application testing](#)

Experts: Debbie O'Brien, Jennifer Perret, Max Schmitt

LAB151

[Deploy a Quarkus application to Azure Container Apps](#)

Experts: Brian Benz, Mark Heckler

**Subject to change*

Microsoft Build

May 23–25, 2023

DevSecOps & SRE

View all AI sessions in the [session catalog](#).

Breakout Sessions

[Seamlessly integrate security throughout your code to cloud workflow](#)

Presenters: Brendan Burns, Collin Davis, Levent Besik

[Build secure applications with External Identities in Microsoft Entra](#)

Presenters: Pawan Nrisimha

[Ship-It safely with GitHub Advanced Security](#)

Presenters: Bryan Sullivan, Joseph Katsioloudes

[How GitHub builds GitHub with GitHub](#)

Presenters: Brian Randell, Martin Woodward

[Securing container deployments on Azure Kubernetes Service with open-source tools](#)

Presenters: Joshua Duffney

Discussions

[Defense in depth for Microsoft Azure, Q&A](#)

Presenters: Mia Jewella Reyes

[Build and Maintain your Company Copilot with Azure ML and GPT-4, Q&A](#)

Presenters: Aamer Kaleem, Ajit Kalele, Kiran Thomas, Sid Uppal

[Application reliability with Azure Load Testing and Chaos Studio](#)

Presenters: Chris Ashton, Clemens Reijnen, Jennifer Perret

[Securing organizations, pipelines, and integrations in Azure DevOps, Q&A](#)

Presenters: Rajesh Ramamurthy

[GitHub Advanced Security for Azure DevOps: Interactive deep dive, Q&A](#)

Presenters: Bryan Sullivan, Nicolas Couraud

[Introducing the Secure Supply Chain Consumption Framework \(S2C2F\), Q&A](#)

Presenters: Adrian Diglio, Jasmine Wang, Mia Jewella Reyes, Richard Diver

Demos and Labs | In-person only

DEM130

[Build faster with GitHub Copilot and Codespaces](#)

Experts: Damian Brady, Razel Scarlett

DEM160A

[CI/CD for the enterprise with GitHub Actions](#)

Experts: Usha Kiranmayi Narayanabhatta

DEM160B

[Secure your app using Azure Redis Cache with Azure AD AuthN and AuthZ](#)

Experts: Shruti Pathak

LAB160

[DevSecOps: How to simplify and integrate security in the SDLC](#)

Experts: David Trigano, Joylynn Kirui

LAB161

[The ins and outs of securing your APIs](#)

Experts: Haris Sohail, Joylynn Kirui

LAB162

[Build flexible, intelligent apps with OSS on Microsoft Azure and GitHub Copilot](#)

Experts: Aaron Crawfis

**Subject to change*

Microsoft Build

May 23–25, 2023

Low-code

View all AI sessions in the [session catalog](#).

Breakout Sessions

[Build apps with state-of-the-art computer vision](#)

Presenters: Adina Trufinescu

[Full stack scale with the Microsoft Power Platform](#)

Presenters: Leon Welicki, Ryan Cunningham

[AI innovation in the Microsoft Power Platform](#)

Presenters: Ashvini Sharma, Gary Pretty, Norah Liu, Priya Vaidyanathan

[Accelerate development with Visual Studio and Microsoft Power Platform](#)

Presenters: Greg Lindhorst, Joris de Gruyter, Julia Kasper, Justin Yoo, Marcel Ferreira

Discussions

[Microsoft Power Platform governance and Application Lifecycle Management, Q&A](#)

Presenters: Casey Burke, Dileep Singh, Kartik Kanakasabesan

[The future of AI and generative code, Q&A](#)

Presenters: Clay Wesener, Julie Koesmarno, Norah Liu

[Microsoft Power Platform and code-first development, Q&A](#)

Presenters: Julia Kasper, Marcel Ferreira

[Designing and implementing automation and conversational AI, Q&A](#)

Presenters: Ashvini Sharma, Gary Pretty, Jack Rowbotham

[Data-driven app and web development with Microsoft Power Platform, Q&A](#)

Presenters: Cindy Kwan, Emma Cooper, Julie Koesmarno

Demos and Labs | In-person only

DEM150A | [Build web apps and connect to data faster using Microsoft Power Pages](#)
Experts: Brooke Brisbois, Dileep Singh, Meera Mahabala

DEM171A | [Catalog in Microsoft Power Platform for pro developers](#)
Experts: Sachin Mathur, Todd Baginski

DEM171B | [Power Fx and AI in Microsoft Dataverse](#)
Experts: Julie Koesmarno, Nathan Helgren

LAB170 | [Skill up with Microsoft Power Platform and GitHub](#)
Experts: Kartik Kanakasabesan, Marcel Ferreira, Shafqat Nizar, Sonja Gu

LAB171 | [Build an end-to-end customer engagement app with Azure Communication](#)
Experts: Balakrishnan Shanmugam, David de Matheu

LAB172 | [Building your low-code hyperscale backend on Microsoft Dataverse](#)
Experts: Divya Kamath, Nathan Helgren

**Subject to change*

Microsoft Build

May 23–25, 2023

Windows

View all AI sessions in the [session catalog](#).

Breakout Sessions

[Developer joy with Scott Hanselman and friends](#)

Presenters: Kayla Cinnamon, Scott Hanselman

[Learn how to get your machine to a ready-to-code state](#)

Presenters: Demetrius Nelon

[New developer experiences in Windows](#)

Presenters: Kayla Cinnamon, Sharla Soennichsen

[Learn how to build the best Arm apps for Windows](#)

Presenters: Aleks Lopez, Ivette Carreras, Jamshed Damkewala, Marcus Perryman

[Deliver AI-powered experiences across cloud and edge, with Windows](#)

Presenters: Adele Parsons, Jeff Mendenhall, Yoyo Zhang

[Expanding your reach with Windows: How developers can win new users](#)

Presenters: Beth Pan, Jessica Sachs, Nitah Harmon, Rahul Amlekar

Discussions

[How good team culture is making Windows better for developers](#)

Presenters: Clint Rutkas, Craig Loewen, Dustin Howett, Kayla Cinnamon, Vicky Harp

[Optimize your apps for Arm, Q&A](#)

Presenters: Aleks Lopez, Jamshed Damkewala, Marcus Perryman, Paul Lange, Phani Krishna Maringanti

[Qualcomm Technologies and the power of Windows AI, Q&A](#)

Presenters: Fred Balsiger

[The Old New Thing with Raymond Chen, Q&A](#)

Presenters: Raymond Chen

[AI made easier: How the ONNX runtime and Olive toolchain will help you, Q&A](#)

Presenters: Cassie Breviu, Devang Patel, Emma Ning, George Wu, Jeff Mendenhall, Justin Stoecker, Pranav Sharma

[Modernize your Win32 application for security and privacy, Q&A](#)

Presenters: Abhijat Singh, Dylan Dsilva, Salah Khan, Sumit Lahiri

Demos and Labs | In-person only

DEM180A

[Customize your Terminal](#)

Experts: Chris Nguyen, Kayla Cinnamon

DEM180B

[Ten little ways you didn't know Windows can make devs more productive](#)

Experts: Jen Gentleman

DEM181A

[Enlighten your Windows apps with user presence and engagement signals](#)

Experts: Sayak Chatterjee, Ugan Sivagnanenthirarajah

DEM181B

[Get your app ready to stream with MSIX](#)

Experts: Aditi Narvekar, Dian Hartono, Naveen Nooka

LAB182

[Progressive Web Apps for beginners](#)

LAB183

[Experience Hybrid Loop to build AI experiences on diverse hardware](#)

**Subject to change*