

My backpack

Microsoft Build | May 24th - 26th | Digital Event

Below are the items you've added to your backpack. You can add notes and personalize this document to create a helpful summary of your time with us at Microsoft Build. Be sure to come back after the event and download your backpack to get refreshed links to presentations, recordings and more.

Go to [Microsoft Build](#)

Sessions

Wednesday, May 24 at 4:30 AM AEST

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

As the number of APIs continues to grow rapidly, managing them has become increasingly complex. Attend this session to discover how Azure API Management can help you efficiently manage and secure APIs at scale. Join this session and learn about: -How to streamline management of APIs using API gateways and management platform -Best practices for testing and monitoring APIs -The latest Azure capabilities to identify API vulnerabilities and protect against threats

Speakers: Fernando Mejia

Wednesday, May 24 at 4:30 AM AEST

[Inject the power of the cloud and AI into your development workflow](#)

Join Amanda Silver and friends to see the exciting new advancements in developer tooling that will enable your team to onboard new developers faster and equip them with everything they need to get coding, and be more productive while writing code. See how you can use Dev Box and

Deployment Environments, along with Visual Studio, Visual Studio Code, and GitHub Copilot to supercharge your productivity.

Speakers: Amanda Silver, Shayne Boyer, Isidor Nikolic, Leslie Richardson

Wednesday, May 24 at 4:30 AM AEST

[Achieve more with Azure PaaS: Azure App Service product experts, Q&A](#)

Join our expert panel discussion with Microsoft Azure specialists to learn how fully managed platform services can accelerate your success with modern apps in the cloud. Meet the product experts and engineers who are building and deploying .NET, Java, Python, NodeJS, and WordPress applications on Azure and learn how to achieve the benefits of performance, scalability, security, and cost.

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

Wednesday, May 24 at 5:30 AM AEST

[Optimizing Azure Cosmos DB: Strategies for cost efficiency and elasticity](#)

Join us for a discussion on the most effective strategies for achieving cost efficiency and elasticity for multi-tenant workloads with Azure Cosmos DB. We want to hear about your experiences and share our thoughts about strategies such as serverless, pooling RU/s across resources, and making monitoring easy for Azure Cosmos DB at scale.

Speakers: Estefani Arroyo, Deborah Chen, Richa Gaur

Wednesday, May 24 at 5:30 AM AEST

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

Join us for an interactive deep dive into our new code security solution GitHub Advanced Security for Azure DevOps (GHASDO). We show how to use GHASDO to catch yourself from accidentally exposing secrets, to identify any open-source components you are using that have known security vulnerabilities, and to find other application security flaws in your code.

Speakers: Nicolas Couraud, Bryan Sullivan

Wednesday, May 24 at 5:30 AM AEST

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

Join a discussion with Debbie O'Brien (Playwright community PM) on finding the life-work balance that works for you, challenging yourself and finding motivation as a developer, and her path to overcoming imposter syndrome.

Speakers: Scott Hanselman, Debbie O'Brien

Wednesday, May 24 at 6:30 AM AEST

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

Join this session to explore new features in .NET 8 for web frontends, backends, and future development. Discover how .NET 8 enhances web app development with better performance, new APIs, and modern development support. Get guidance on leveraging these tools for scalable, efficient cloud apps. Suitable for both experienced and new .NET developers, this session offers valuable insights into the latest developments in .NET 8 for web development.

Speakers: Jeremy Likness, Daniel Roth

Wednesday, May 24 at 6:30 AM AEST

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

Software development is more critical than ever, yet physical dev workstations remain a source of friction. With the shift to remote work, many devs are having to choose between productivity and security. Microsoft Dev Box offers on-demand, task-based workstations in the cloud—preconfigured by dev teams and secured by central IT. Learn how Microsoft Dev Box helps streamline your workflows with cloud infrastructure, centralized security, and deep Visual Studio integrations.

Speakers: Anthony Cangialosi, Greg Denton

Wednesday, May 24 at 7:45 AM AEST

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

Take a deep dive into all the tooling available for your GitHub and Azure DevOps based teams to help them build security into their day-to-day workflow. Get an all-up view of your security posture as an enterprise to help you assess your levels of risk across all of your teams. Learn how to detect secrets stored in your code and how to prevent new ones getting in. Also, find out how to keep dependencies up to date and how to automatically look for vulnerabilities.

Speakers: Joseph Katsioloudes, Bryan Sullivan

Wednesday, May 24 at 7:45 AM AEST

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

Modern software development is transforming the world around us, yet setting up the complex infrastructure needed to support these apps is becoming increasingly time-consuming and error prone. Azure Deployment Environments empowers devs to quickly deploy the right environment at the right time using standardized, project-based templates. Learn how Azure Deployment Environments streamlines provisioning and promotes InnerSourcing while maximizing security, compliance, and cost-efficiency.

Speakers: Sagar Chandra Reddy Lankala, Jared Rewerts

Wednesday, May 24 at 9:00 AM AEST

[Learn Live: GitHub administration for GitHub Advanced Security](#)

Understand where GitHub Advanced Security fits in your software development lifecycle and how to enable/roll out. Also learn how secret scanning works to configure and use it efficiently. By session's end, you'll understand what GitHub Advanced Security is and how to leverage it in the software development lifecycle, identify which features are available for open-source projects, enable different features, determine who should get access to features, grant permissions, secret scanning and more.

Speakers: Jose Palafox, Daniel Shanahan

Wednesday, May 24 at 9:00 AM AEST

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

Explore an easy on-ramp to build your APIs with containers in the cloud. Experience how easy it is to build an application that uses Azure Spring APIs to send messages to a Dapr enabled message broker, triggering optimized processing with Azure Functions. Just focus on code with no infrastructure management for true high productivity developer experience. The key takeaway highlights how to manage multi type microservice solution development with Dapr while scaling dynamically using KEDA.

Speakers: Anthony Chu, Ramya Oruganti, Asir Selvasingh

Wednesday, May 24 at 9:00 AM AEST

[Application reliability with Azure Load Testing and Chaos Studio, Q&A](#)

Ensuring the reliability of your services requires you to be able to test for the unexpected. With Azure Load Testing and Chaos Studio, your team can bring all your worst-case scenarios to life as drills.

Speakers: Shrunga Malavalli, Jennifer Perret, Clemens Reijnen, Debbie O'Brien

Wednesday, May 24 at 10:15 AM AEST

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

AI-assisted coding is more than just hype. But like every powerful tool, knowing how to use GitHub Copilot correctly is key to getting the most out of it. In this session we take a look at how Copilot works, some best practices and what AI can realistically do for developers in the real world. GitHub Copilot will change how you write code; but only if you are curious, creative, and you continue to think critically. AI is only as good as the developer who wields it.

Speakers: Burke Holland, Allison Weins

Wednesday, May 24 at 10:15 AM AEST

[Playwright, Q&A](#)

Ask us anything about Playwright features, best practices, challenges, and what is new in Playwright. Whether you are an experienced user, or new to Playwright, this discussion helps you get the most out of this testing framework!

Speakers: Andrey Lushnikov, Max Schmitt, Debbie O'Brien

Wednesday, May 24 at 10:15 AM AEST

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

Translating unstructured image and video data into actionable insights is difficult. In this session, learn how state-of-the-art foundation models in Azure Cognitive Service for Vision can help you train and deploy market-ready computer vision apps faster, speeding time to insight. We explore how to connect that data from visual content to natural language interactions to improve content accessibility, drive acquisition through SEO, and improve incident response times.

Speakers: Adina Trufinescu

Thursday, May 25 at 4:00 AM AEST

[Troubleshooting apps running on Kubernetes](#)

We want to understand your experience troubleshooting issues with applications that run on Kubernetes so we can use your input to shape our products. We will discuss issues you are running into and pain points, as well as what would make troubleshooting easier for you.

Speakers: Sahil Arora, Shikha Jain, Rishab Jolly, Jim Sanders

Thursday, May 25 at 4:00 AM AEST

[The vision of the future with Microsoft Authentication Library \(MSAL\) as an authentication broker](#)

The Identity SDK team is focused on improving the developer experience for folks building secure authentication flows in their applications. As part of this work, we started integrating better with authentication brokers, such as the one built into Windows, or available on mobile devices. In this session, the team would like to discuss the implications of this shift on developer workflows, application updates, security considerations, and other areas that might impact the development lifecycle.

Speakers: Den Delimarsky, Bogdan Gavril

Thursday, May 25 at 4:00 AM AEST

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

Java is one of the most popular programming languages and Microsoft has a team of experts who specialize in Java development. They can answer questions on Java programming, using VS Code to write Java, best practices for Java development, GitHub, Azure, and Microsoft's own usage of Java. Whether you're a Java developer looking to learn about Microsoft's Java tools and services or curious about Java development at Microsoft, this is a great opportunity to get your questions answered by experts.

Speakers: Brian Benz, Bruno Borges, Stephanie Crater, Mark Heckler

Thursday, May 25 at 4:00 AM AEST

[Harness the power of AI: extend Copilot and beyond](#)

Join us to explore how you can extend the Microsoft Copilot system by integrating your app's data and skills, delivering powerful experiences for your users. Next, discover the new Teams AI library and learn how to easily build intelligent, conversational apps that reshape the way people work in Microsoft Teams. Step into a new era of apps that reimagine collaboration and harness the power of AI.

Speakers: Ayca Bas, Gino Buzzelli, Joey Glocke, Sukhmani Lamba, Sid Uppal

Thursday, May 25 at 4:00 AM AEST

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

Join our cloud native and Linux advocates for a roundtable discussion covering the breadth of our cloud-native and Linux offerings in Azure. Bring your questions! We also share some of our favorite samples, demos, tips, and techniques throughout the session.

Speakers: Joshua Duffney, Paul Yu, Steven Murawski

Thursday, May 25 at 5:15 AM AEST

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

Many traditional and repetitive developer tasks can now be performed without having to write any code, thanks to Natural-language-to-App, automations, data modeling, and Copilot. What does the future hold for developers? Will AI and generative code eventually merge? What new developer skills are required with future developments? Bring your questions for a unique opportunity to have an open discussion with the engineering teams driving these initiatives, and help us chart the future.

Speakers: Julie Koesmarno, Norah Liu, Clay Wesener, Tasha Scott

Thursday, May 25 at 5:15 AM AEST

[Next-Level DevSecOps: Secure Supply Chain Consumption Framework, Q&A](#)

Dive into the Secure Supply Chain Consumption Framework (S2C2F) in this interactive session, designed to safeguard developers from OSS supply chain threats. Uncover cutting-edge strategies to bolster your DevSecOps practices, swiftly patch vulnerable components, and block consumption of malicious or compromised packages. Join us to elevate your security game, stay ahead of the curve, and improve your security know-how!

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

Thursday, May 25 at 5:15 AM AEST

[Learn Live: Introduction to Azure OpenAI Service](#)

Artificial Intelligence (AI) empowers amazing new solutions and experiences, and Microsoft Azure provides easy-to-use services to help you get started. In this session, describe Azure OpenAI workloads and access the Azure OpenAI Service, understand generative AI models, and understand Azure OpenAI language, code, and image capabilities. Also, learn about responsible AI practices and limited access policies in Azure OpenAI.

Speakers: Ivana Tilca, Rod Trent

Thursday, May 25 at 6:30 AM AEST

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

Come talk to Python experts at Microsoft about building and deploying Python web apps. Want to know how to run your FastAPI app in Azure App Service? How about provisioning your services and deploying your code with minimal effort using the new Azure Developer CLI? Wouldn't you rather focus on adding functionality to your container-based app instead of Kubernetes? Join us to hear the answers to these, and other questions!

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

Thursday, May 25 at 6:30 AM AEST

[New PubSub capabilities in Azure Event Grid](#)

Azure Event Grid is adding new functionality to deliver more flexible consumption patterns. Join us to share your experiences Event Grid and provide feedback on these new PubSub capabilities. We're eager to hear how they might be applicable in your project or organization.

Speakers: Javier Fernandez

Thursday, May 25 at 6:30 AM AEST

[New developer experiences in Windows](#)

The Windows team has been listening carefully to developers and has used that feedback to build features you love: Windows Subsystem for Linux, Windows Terminal, PowerToys, and more. But wait, there's more! See the latest and greatest announcements from this team as we tackle the next set of wish list items and combine the power of Windows, GitHub, Visual Studio, and AI to simplify the daily lives of developers everywhere. This is a session you won't want to miss!

Speakers: Kayla Cinnamon, Sharla Soennichsen

Thursday, May 25 at 6:30 AM AEST

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

Join our experts for a discussion on developing full stack serverless web apps with Azure Static Web Apps. Learn to deploy your apps with global scale for optimal performance, integrate with your existing Azure services, and leverage local development tools to build out and ship seamlessly. This is ideal for web developers, frontend developers, and architects who want to learn how to build and deploy global web apps, optimize for performance, and integrate with the rest of your Azure services.

Speakers: Thomas Gauvin, Matt Hernandez, Daria Grigoriu

Thursday, May 25 at 7:45 AM AEST

[Learn Live: Build a web app with Blazor](#)

Blazor is a free and open-source web framework that enables developers to create web apps using C# and HTML. Learn how to set up your development environment and build your first web app with Blazor, Visual Studio Code, and C#. In this session, configure your local environment for Blazor development with Visual Studio Code, create a new Blazor project, and add client-side logic to a Blazor web app.

Speakers: Mihaela Ghidersa, Hamida Rebai

Thursday, May 25 at 7:45 AM AEST

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

Join us to walk through some amazing features that will boost your productivity.

Speakers: Ryan Fu, Demetrius Nelon

Thursday, May 25 at 7:45 AM AEST

[Inside Azure innovations with Mark Russinovich](#)

Join Mark Russinovich, CTO and Technical Fellow of Microsoft Azure. Mark takes you on a tour of the latest innovations in Azure architecture and explains how Azure enables intelligent, modern, and innovative applications at scale in the cloud, on-premises, and on the edge.

Speakers: Mark Russinovich

Thursday, May 25 at 7:45 AM AEST

[How GitHub builds GitHub with GitHub](#)

GitHub is the home for all developers. This is no different inside GitHub's own walls where our own passionate group of engineers use our own services to build, scale, and deliver secure software that the world's next 100M developers will love. Join us as we explore how GitHub builds GitHub using the full range of capabilities from Copilot to Projects, from Codespaces to CodeQL - all to power innovation across GitHub's internal engineering team.

Speakers: Brian Randell, Martin Woodward

Thursday, May 25 at 9:00 AM AEST

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

Learn how to build secure cloud-native apps with simplified, automated security integrated within your workflow. Implement native security scanning in your repos and pipelines using code, secret, and dependency scanning with clear remediation guidance with GitHub Advanced Security and Microsoft Defender for DevOps. Pair with container security tooling that helps you deploy trusted containers to Azure. Secure your external identity management to reduce fraud and identity takeover.

Speakers: Brendan Burns, Levent Besik, Collin Davis, David Trigano, Rita Zhang

Thursday, May 25 at 9:00 AM AEST

[Modernizing your applications with containers and serverless](#)

Dive into how cloud-native architectures and technologies can be applied to help build resilient and modern applications. Learn how to use technologies like containers, Kubernetes and serverless integrated with other application ecosystem services to build and deploy microservices architecture on Microsoft Azure. This discussion is ideal for developers, architects, and IT pros who want to learn how to effectively leverage Azure services to build, run and scale modern cloud-native applications.

Speakers: Anthony Chu, Kamala Dasika, T.C. Gubatayao, Devanshi Joshi, Jorge Palma

Thursday, May 25 at 10:15 AM AEST

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

Join the Azure cloud-native team to dive deeper into developing modern apps on cloud with containers and serverless technologies. Explore how to leverage the latest product advancements in Azure Kubernetes Service, Azure Container Apps and Azure Functions for scenarios that work best for cloud-native development. The experts cover best practices on how to develop with in-built open-source components like Kubernetes, KEDA, and Dapr to achieve high performance along with dynamic scaling.

Speakers: Nick Greenfield, Eamon O'Reilly, Jorge Palma, Daria Grigoriu, Devanshi Joshi

Thursday, May 25 at 10:15 AM AEST

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

From the Visual Studio PM team, we catch you up on some of the latest features and tease you with some of our latest preview features. Delve into insider tips and tricks that optimize workflows, automate complex tasks, and sharpen your coding skills. We demonstrate intelligent code navigation, GitHub actions, accelerated debugging, profiler techniques, dev tunnels, and more.

Speakers: Dante Gagne, Jessie Houghton, Mads Kristensen

[Azure Spring Apps: The easy way to run your apps](#)

Azure Spring Apps is a fully managed service from Microsoft and VMware. It solves the challenges of running Spring apps at cloud scale by removing the need to worry about infrastructure, application lifecycle, monitoring, container intricacies, and Kubernetes. This session is for developers who are looking to learn what Azure Spring Apps is all about. We start the session with a technical overview and demos so you can see how it works, and what capabilities it has.

Speakers: Adib Saikali, Asir Selvasingh

[Deep dive on Azure Load Testing in CI/CD](#)

Take a deep dive into Azure Load Testing to optimize your infrastructure, ensure your application and services are resilient to severe spikes in customer traffic, and pay for only what you need. Learn how to establish your Service Level Indicators (SLIs), identify performance bottlenecks, and catch regressions by running load tests as part of your continuous integration and continuous deployment (CI/CD) workflow. Get started quickly – or use your existing JMeter test scripts.

Speakers: Nikita Nallamothe, Nagarjuna Vipparthi

[How to Create a PDF Document in Blazor Using the .NET PDF Library](#)

PDFs are an ideal format for sharing and archiving documents, but creating a viewer from scratch requires a deep understanding of PDF specifications and programming languages. What benefit does a PDF viewer provide for your business? It makes it easy to send a report to stakeholders, send an invoice to a customer, or generate a receipt in a retail shop. In this demo, we'll show how you can easily add a PDF viewer to your app with text, images, and a table in the PDF document.

[Microsoft Edge: State of web developer tools](#)

We introduce you to new Microsoft Edge features, JSON Viewer and Focus Mode, and explore new Edge DevTools. We also demo enhanced traces, a powerful leap forward in debugging and collaboration on the web by leveraging sourcemaps and Azure DevOps Symbol Server. Finally, we discuss common anti-patterns that negatively impact performance and how to fix them.

Speakers: Rob Paveza
