

My backpack

Microsoft Ignite

In Seattle: November 14th-17th, 2023 PT

Online dates: November 15th-16th, 2023 PT

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 Ignite. Be sure to come back after the event and download your backpack to get refreshed links to presentations, recordings and more.

Go to [Microsoft Ignite](#)

Sessions

Thursday, November 16 at 12:15 PM Australian Eastern Daylight Time

[Choosing the right Azure database for your workloads Q&A](#)

Looking to build and transform your business applications but not sure where to start? Join our team of Product experts to discuss how to assess your workloads and applications to help identify the best database and architecture to support your various use cases. In this session you will have the opportunity to clarify your toughest questions, get guidance on best practices and key capabilities of Azure databases.

Speakers: Andrew Liu, Deepthi Prasad, KANCHAN BHARATI, Sanjay Mishra

Next step:

[Microsoft Learn Collection](#)

[10x Java Dev-to-Prod with VS Code, Copilot & Azure Spring Apps](#)

Unlock the full potential of your Java applications with a streamlined toolchain. This session is designed for Spring Boot developers and focuses on simplifying the path from code to cloud. We'll demonstrate how Azure Spring Apps, a fully-managed service by VMware and Microsoft, integrates seamlessly with VS Code and GitHub Copilot. Experience accelerated development cycles and effortless deployments, while leveraging Azure for scaling, management, and monitoring.

Speakers: Mark Heckler

Next step:

[Microsoft Learn Collection](#)

Thursday, November 16 at 6:45 AM Australian Eastern Daylight Time

[Accelerate innovation with Azure Integration Services Q&A](#)

Businesses have seen a sharp rise in the number of applications they manage. Achieving effective seamless integration across on-premises and multi-cloud environments is not only crucial for efficient operations, but it's also a key strategy to outpace competitors in the market. Join us for an immersive session and get insights from Azure leaders into how Azure Integration Services accelerates innovation, boosts productivity, and promotes a competitive advantage.

Speakers: Clemens Vasters, Divya Swarnkar, Fernando Mejia, Beena More

Next step:

[Microsoft Learn Collection](#)

Thursday, November 16 at 6:45 AM Australian Eastern Daylight Time

[Learn Live: Build an AI-enabled chat w/ Azure OpenAI & Azure Cosmos DB](#)

Connect an existing ASP.NET Core Blazor web application to Azure Cosmos DB for NoSQL and Azure OpenAI using their .NET SDKs. Your code manages and queries items in an API for NoSQL container. Your code also sends prompts to Azure OpenAI and parses the responses. This LIVE

session is presented by two experts, and our moderators will answer your questions directly in the chat.

Speakers: B Jb, Julia Muiruri

Next step:

[Microsoft Learn Collection](#)

Thursday, November 16 at 8:30 AM Australian Eastern Daylight Time

[Learn Live: Generate images with Azure OpenAI Service](#)

The Azure OpenAI service includes the DALL-E model, which you can use to generate original images based on natural language prompts. By the end of this session, you'll be able to describe the capabilities of DALL-E in the Azure OpenAI service, use the DALL-E playground in Azure OpenAI Studio and use the Azure OpenAI REST interface to integrate DALL-E image generation into your apps. This LIVE session is presented by two experts, and our moderators will answer your questions directly in the chat.

Speakers: Alicia Tapia, Pablo Lopes

Next step:

[Microsoft Learn Collection](#)

Thursday, November 16 at 8:30 AM Australian Eastern Daylight Time

[Productive and secure end-to-end developer experiences powered by AI](#)

Set up a complete engineering system in seconds, contribute from any device, build for any platform, collaborate with anyone with confidence, and scale without limit, that's our vision. In this session, Amanda Silver will cover the latest developer and DevOps tooling innovations that give developers access to pre-provisioned cloud-driven development environments, while enabling IT organizations to place guardrails to ensure that the infrastructure is efficient, compliant, and cost effective.

Speakers: Amanda Silver, Filisha Shah, Roshanak Zilouchian Moghaddam, Savannah Ostrowski

Next step:

[Microsoft Learn Collection](#)

Thursday, November 16 at 9:45 AM Australian Eastern Daylight Time

[Vector Search: Retrieval Augmented Generation and Generative AI Apps](#)

Join us for a thought-proving discussion covering all things vectors, Retrieval-Augmented Generation, Semantic search, and more. Our experts can answer questions about how to implement intelligent search capabilities into your applications for ChatGPT-like experiences and other generative scenarios.

Speakers: Farzad Sunavala, Liam Cavanagh

Next step:

[Microsoft Learn Collection](#)

Thursday, November 16 at 9:45 AM Australian Eastern Daylight Time

[Ask The Experts: Microsoft Certifications](#)

Microsoft certifications offer validation in a breadth of deep tech skills specifically tailored to the job roles organizations need to fill. Join this interactive session to get the latest updates and have your Microsoft Certification questions answered by our panel of experts. We'll cover the certifications available for key solution areas, how to keep your skills and certifications current, and tips and tricks on how to best leverage your Microsoft-verified credential.

Speakers: Liberty Munson, Tiago Costa, Allison Kraker

Next step:

[Microsoft Learn Collection](#)

Thursday, November 16 at 11:00 AM Australian Eastern Daylight Time

[Cloud Native Development with .NET 8, Q&A](#)

.NET 8 introduces groundbreaking features that simplify the cloud-native landscape. Engage in a panel discussion with the .NET PM team as they delve into these new capabilities. Understand how .NET 8 addresses scalability and resilience in the cloud-native context. And don't miss the chance to ask your questions directly to the experts.

Speakers: Damian Edwards, Glenn Condrón, David Fowler

Next step:

[Microsoft Learn Collection](#)

Thursday, November 16 at 11:00 AM Australian Eastern Daylight Time

[Data for the era of AI: Build intelligent apps with Azure Cosmos DB](#)

From Chat GPT to the NBA to Mercedes-Benz, Azure Cosmos DB is enabling intelligent apps that change the way we live and work. Join us to learn from KPMG about how they built a generative AI-based assistant, and Bond Brand Loyalty on how they scale data to meet global customer demand, with Azure Cosmos DB. We'll explore capabilities like vector search and how to implement RAG pattern, along with improved elasticity, and greater scale.

Speakers: Maria Pallante, Mark Brown, Robert Finlayson

Next step:

[Microsoft Learn Collection](#)

Thursday, November 16 at 11:00 AM Australian Eastern Daylight Time

[Contribute to the advancement of Python in Excel](#)

Python in Excel recently launched in Preview to great excitement. As we continue developing for General Availability, we want to hear your feedback, ideas and questions in order to create the very best tool for individuals and companies. Join our roundtable to discuss Python in Excel functionality, UX and Copilot and share what will make Python in Excel a transformative feature for you.

Speakers: Carlos Otero, John Lam, Keyur Patel, Tiffany Barnes

Thursday, November 16 at 12:15 PM Australian Eastern Daylight Time

[Platform engineering Q&A with the Microsoft platform engineering team](#)

Join us for a Q&A session as we discuss the emerging technology approach of platform engineering and how Microsoft can help. Whether you are a seasoned platform engineer or just starting your journey in this field, this session promises to provide valuable takeaways and foster meaningful discussions about the challenges and innovations in platform engineering.

Speakers: Dan Sol, Mark Weitzel, Russell Conard

Next step:

[Microsoft Learn Collection](#)

Thursday, November 16 at 12:15 PM Australian Eastern Daylight Time

[Evaluating and Designing Responsible AI Systems for The Real World](#)

Join us to explore strategies for Responsible AI (RAI) systems and learn how to implement them in your organization. Gain insights into how Microsoft built Bing and prompt flow, our evaluation processes, and other emerging tools and practices. Delve into effective prompt and metaprompt

design and Azure AI Content Safety. We'll also discuss our White House commitments with RAI experts. This session is a for business decision makers who want to learn more about scaling AI responsibly.

Speakers: Apurva Gala, Mehrnoosh Sameki, Sarah Bird

Next step:

[Microsoft Learn Collection](#)

Thursday, November 16 at 12:15 PM Australian Eastern Daylight Time

[GitHub Copilot and AI for Developers: Potential and Pitfalls with Scott Hanselman](#)

Join Scott and Mark for a riveting session on the potential and pitfalls of AI in development. We'll kick off by dissecting the ethical landscape and exploring how AI, like any tool, can bend or break rules based on context. We'll explore new techniques and projects like TypeChat that make AIs more responsible and safer for everyone. Then, we shift into high gear with GitHub Copilot in Visual Studio. You'll walk away understanding how to make Copilot a more useful tool in your development kit!

Speakers: Mark Downie, Scott Hanselman

Next step:

[Microsoft Learn Collection](#)

Resources:

[Visual Studio Miniseries](#)

Friday, November 17 at 6:45 AM Australian Eastern Daylight Time

[Build your own Copilot with Azure AI Studio](#)

Dive into Azure AI Studio, a cutting-edge 'code first' experience to build generative AI applications including enterprise chat and custom Copilots. Join us for a journey of innovation!

Speakers: John Montgomery, Nabila Babar

Next step:

[Microsoft Learn Collection](#)

Friday, November 17 at 7:50 AM Australian Eastern Daylight Time

[Cloud Native Innovations with Mark Russinovich](#)

Join Mark Russinovich, Azure CTO and Technical Fellow, to learn about the latest innovations in cloud native computing. Mark will present an exciting new project that supports multicloud portability, enables developers to focus on the architecture of their cloud applications while enabling IT to ensure that applications are secure and compliant.

Speakers: Mark Russinovich

Friday, November 17 at 8:30 AM Australian Eastern Daylight Time

[Towards a SpeechGPT: Adapting GPT for Speech Input and Output](#)

Up to now, GPT has been a text-in, text-out affair - but with the new techniques pioneered by the Azure Speech team, it can be adapted for speech input and output. We'll discuss how these techniques work to adapt GPT to speech, how our customers might use this capability, and challenges inherent to bringing it to production.

Speakers: Archer Zhao, Heiko Rahmel, Jacky Kang, Jan Goergen, Lynne Thomson

Friday, November 17 at 9:45 AM Australian Eastern Daylight Time

[Optimize app reliability with automated Load and Chaos testing, Q&A](#)

Dive into the fusion of Azure Chaos Studio and Azure Load Test to ensure the robustness and performance of cloud deployments. This session provides insights into harnessing these tools for systematic load testing and intentional failure injections, empowering businesses to uncover vulnerabilities and enhance system resilience in real-world scenarios.

Speakers: Nikhil Kaul, Nikita Nallamothu, Vikram Raju, Rigel Carlson

Next step:

[Microsoft Learn Collection](#)

Resources:

[Cloud Testing Resources](#)

Friday, November 17 at 9:45 AM Australian Eastern Daylight Time

[Develop in the cloud with Dev Box and Azure Deployment Environments](#)

Software development is more critical than ever, yet dev productivity is being hampered by physical workstations and complex, hard-to-deploy app infrastructure. Microsoft Dev Box and Azure Deployment Environments empower developers to spin up self-service, ready-to-code workstations and deploy templated environments—all while maintaining centralized governance. Learn how these services streamline provisioning, improve dev productivity, and maximize security, compliance, and cost-efficiency.

Speakers: Anthony Cangialosi, Sagar Lankala

Next step:

[Microsoft Learn Collection](#)

Friday, November 17 at 11:00 AM Australian Eastern Daylight Time

[What's New in Generative AI?](#)

Generative AI and LLMs are no longer just buzzwords. In this session, you will see it all in action—the latest in Azure OpenAI Service, Azure Machine Learning, and Azure Cognitive Search. We will also share the latest innovations in Azure AI Studio.

Speakers: Aarthy Longino, Gerald Ertl, Marco Casalaina

Next step:

[Microsoft Learn Collection](#)

Friday, November 17 at 12:15 PM Australian Eastern Daylight Time

[End-to-End AI App Development: Prompt Engineering to LLMOps Q&A](#)

Join this session to connect with experts from Azure Machine Learning and Azure AI Studio. Get your questions answered as you build your own LLM applications using prompt flow!

Speakers: Greg Buehrer, Cassie Breviu, Daniel Schneider, Anjalee Patel

Next step:

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Friday, November 17 at 12:15 PM Australian Eastern Daylight Time

[Vector search and state of the art retrieval for Generative AI apps](#)

Generative AI apps increasingly rely on Retrieval-Augmented Generation (RAG), incorporating specific supplemental data to ground responses. In this session, we'll dive into the information retrieval elements of the RAG pattern, how vector searches, hybrid search, and reranking models

improve relevance of your results. We'll present concepts with live code and data from our extensive evaluations on retrieval quality.

Speakers: Pablo Castro

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[Bringing Passkey into your Passwordless Journey](#)

The industry is all abuzz with excitement about passkeys! As most customers are either deploying a form of Passwordless credential or planning to in the next few years there's no better time to learn about passkeys. Join the Microsoft Entra product team as we walk you through the background of where passkeys came from, their impact on the passwordless ecosystem, the product features and roadmap bringing passkeys into the Microsoft Entra passwordless portfolio and phishing resistant strategy.

Speakers: Calvin Lui, Erik Dauner, Mayur Santani

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