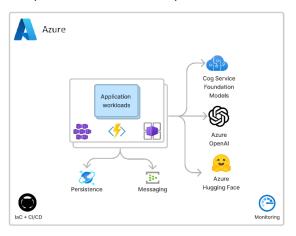# Intelligent App Development Workshop

Overview

We are undoubtedly experiencing one of the most significant technological transformations in the history of humanity. The adage is that AI won't replace you, but people using AI will. This also extends to software systems – systems with AI will replace those without. Our workshop is designed to help you envision and create these cutting-edge, intelligent systems that integrate AI throughout the entire lifecycle of your application, from user experience to design, development, and deployment.

By leveraging design thinking, Project Miyagi, and art-of-the-possible examples (with samples from Semantic Kernel (SK) and Miyagi), this workshop offers a comprehensive, hands-on exploration of how foundation models based on the transformers architecture can augment applications with intelligence. You will acquire skills to effectively curate and create value-driven workflows to serve your use cases with AI-first UX and architectures. We will also have an Architecture Design Session (ADS) to unlock and operationalize the full potential of AI-infused applications for your organization.

Topics for the 2-day workshop

1. Exploring the Art of the Possible with SK and Miyagi Demos: Engage in interactive demonstrations to envision the potential applications of SK and Miyagi.

2. Design Thinking Session: A collaborative brainstorming activity to identify existing use cases, focusing on addressing user needs and alleviating pain points.

3. Introduction to Semantic Kernel (SK): A comprehensive presentation to familiarize participants with the fundamentals of SK and goals-first AI.

4. End-to-End Application Lifecycle Workshop featuring Miyagi: Gain hands-on experience in incorporating SK into the entire application lifecycle, including leveraging SK skills to orchestrate

complex flows with Azure OpenAI models.

5. Architecture Design Session: Dive into the intricacies of designing a robust and effective system architecture to support intelligent app development.