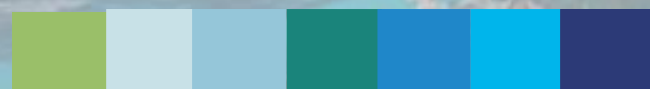


EXPERTS LIVE KENYA

26TH JULY 2024
NAIROBI, KENYA



Building Intelligent Apps on Azure Kubernetes Service

Brenda Chiteri

Cloud Solution Architect – Digital & Apps Innovation



Agenda

What are Intelligent Apps ?

Why AKS ?

Azure Open AI

Architecture Review

Demo

Leveraging Azure OpenAI for Enhanced Capabilities

What are Intelligent Apps?



- Intelligent apps use AI and machine learning to provide advanced functionalities and improve user experiences.
- Chatbots that understand and respond to natural language.
- Recommendation systems that suggest products or content.
- Predictive analytics tools that forecast trends and behaviors.

Why Use Azure Kubernetes Service (AKS)?

Scalability:

AKS allows you to scale your applications seamlessly to handle varying loads.

Management:

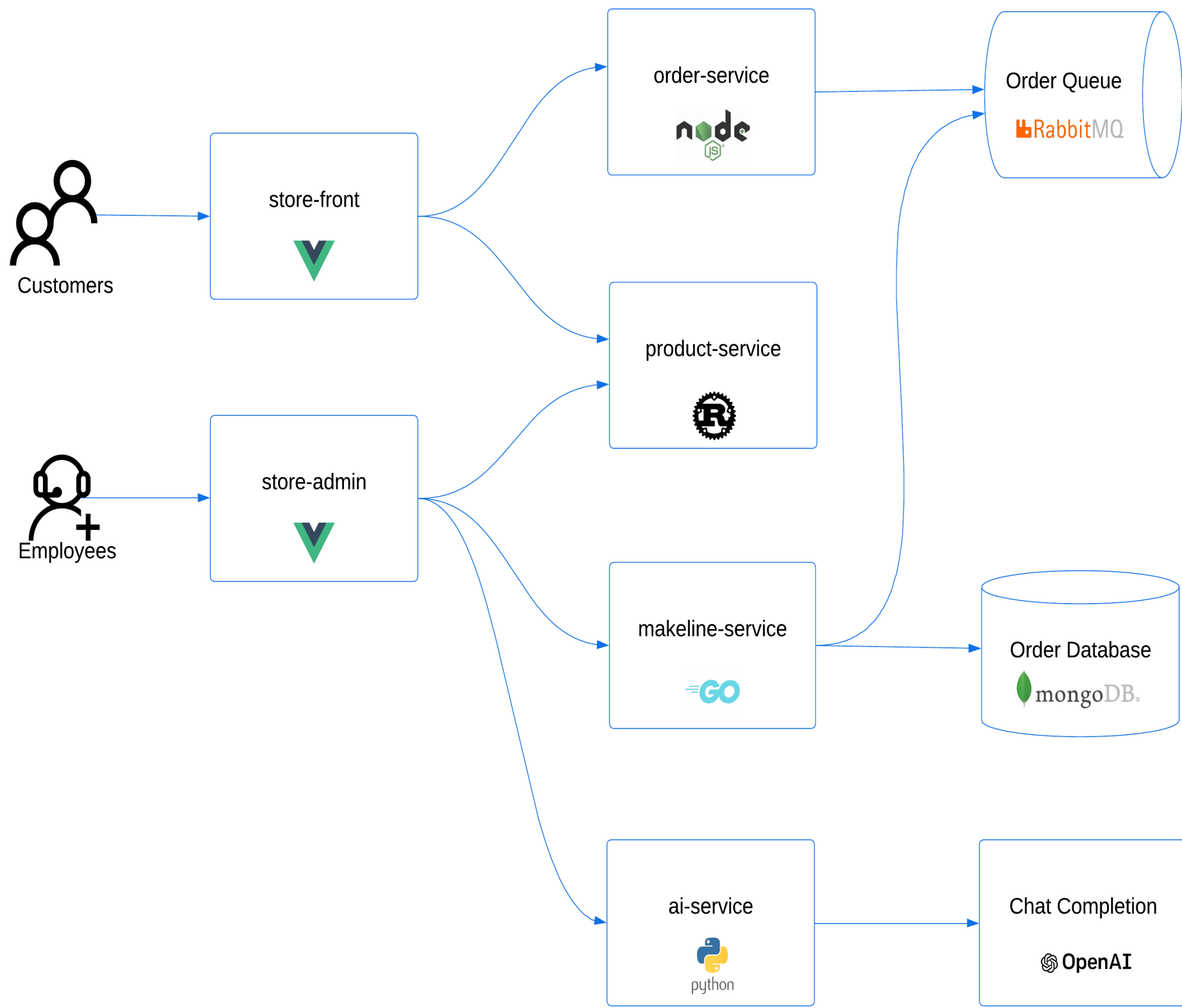
Simplifies the management of containerized applications with automated updates and monitoring.

Integration:

Easily integrates with other Azure services like Azure OpenAI, databases, etc.

Azure Open AI

- Provides advanced AI capabilities such as natural language processing, image recognition, and more.
- Enhances your applications with powerful AI features, improving functionality and user experience



Demo

References

[Deploy an application that uses OpenAI on Azure Kubernetes Service \(AKS\) - Azure Kubernetes Service | Microsoft Learn](#)

[Azure-Samples/aks-store-demo: Sample microservices app for AKS demos, tutorials, and experiments \(github.com\)](#)



THANK YOU

Brenda Chiteri
Cloud Solution Architect – Digital & Apps Innovation