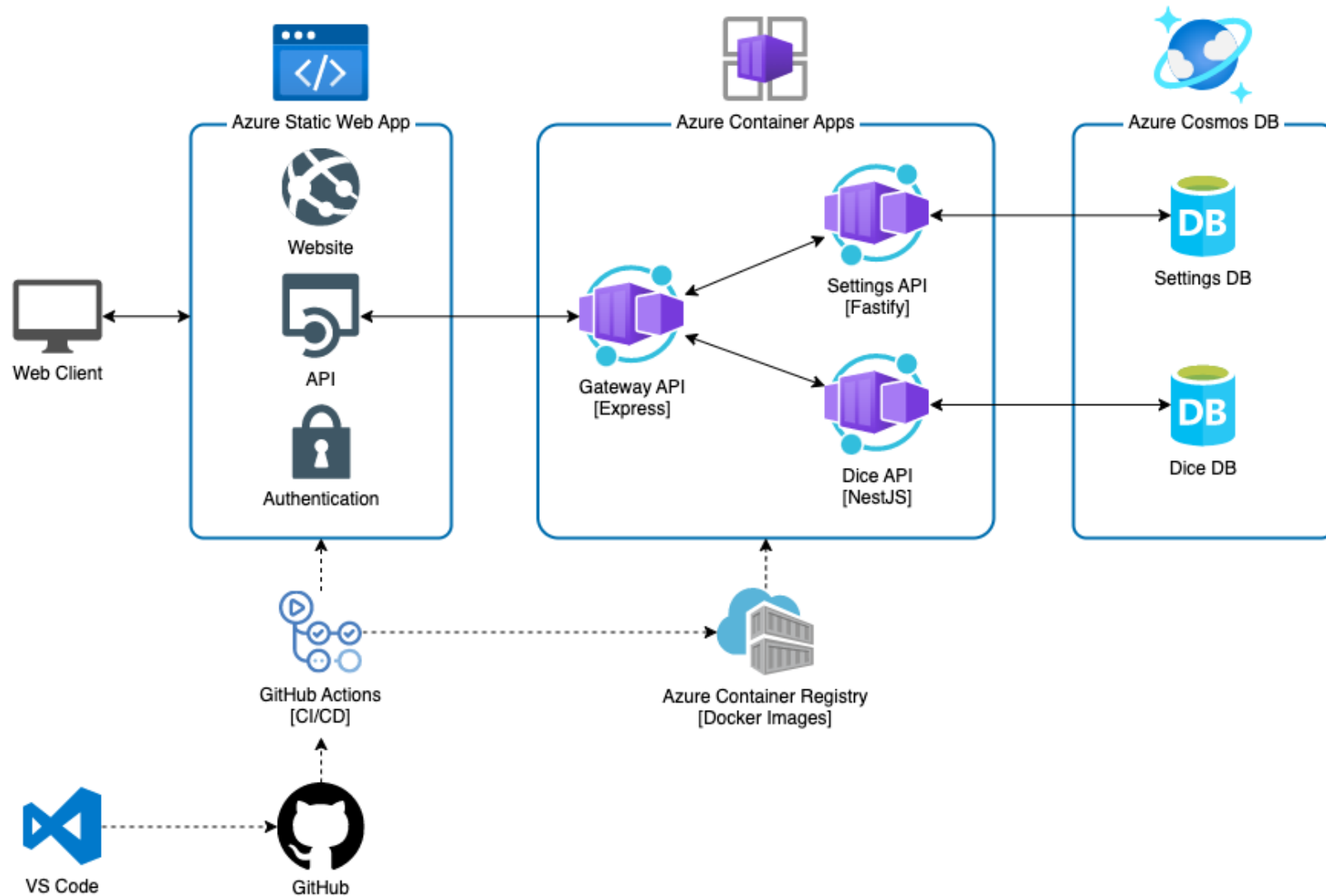


Automate microservices infrastructure and deployments with GitHub & Azure

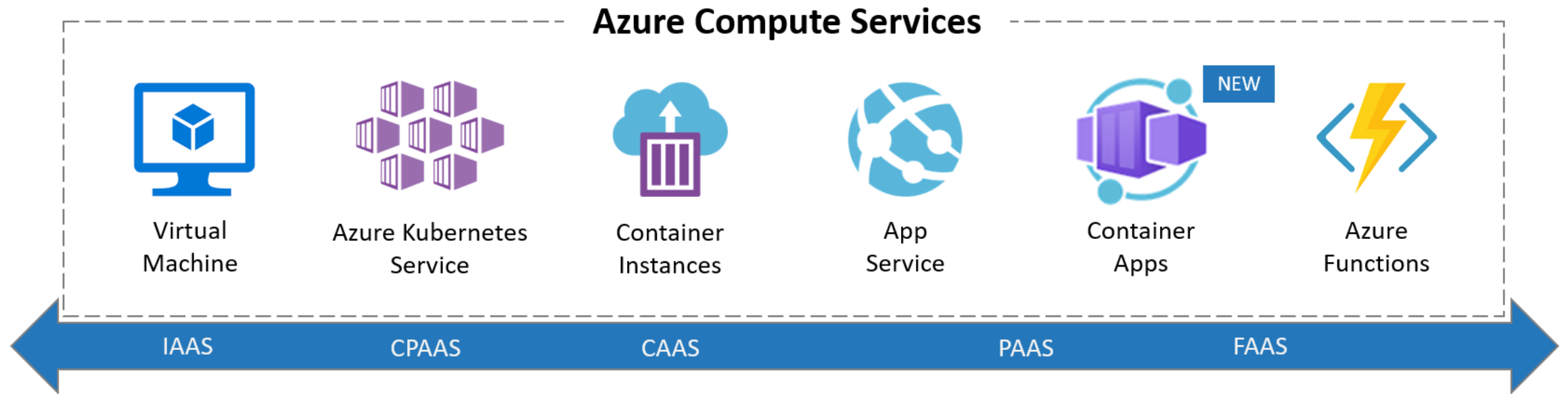
Yohan Lasorsa // @sinedied



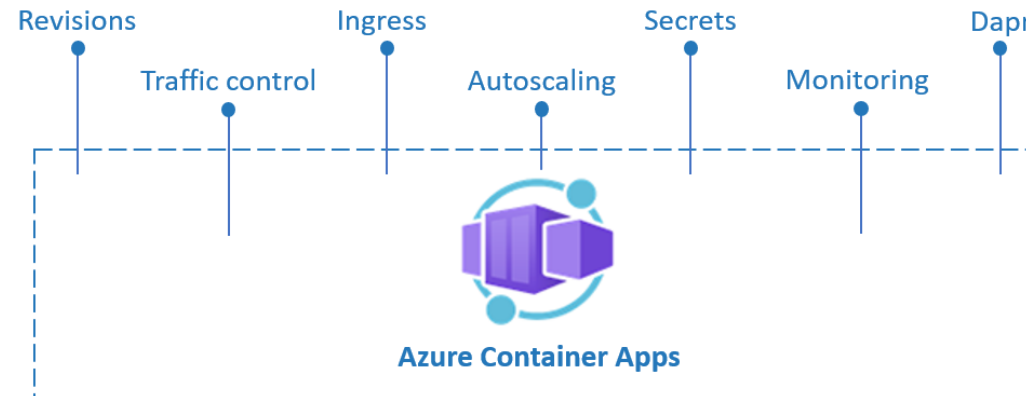
Project architecture



Azure Container Apps



Azure Container Apps



KEDA

Event-driven
auto scaling

envoy

Cloud-native
service proxy

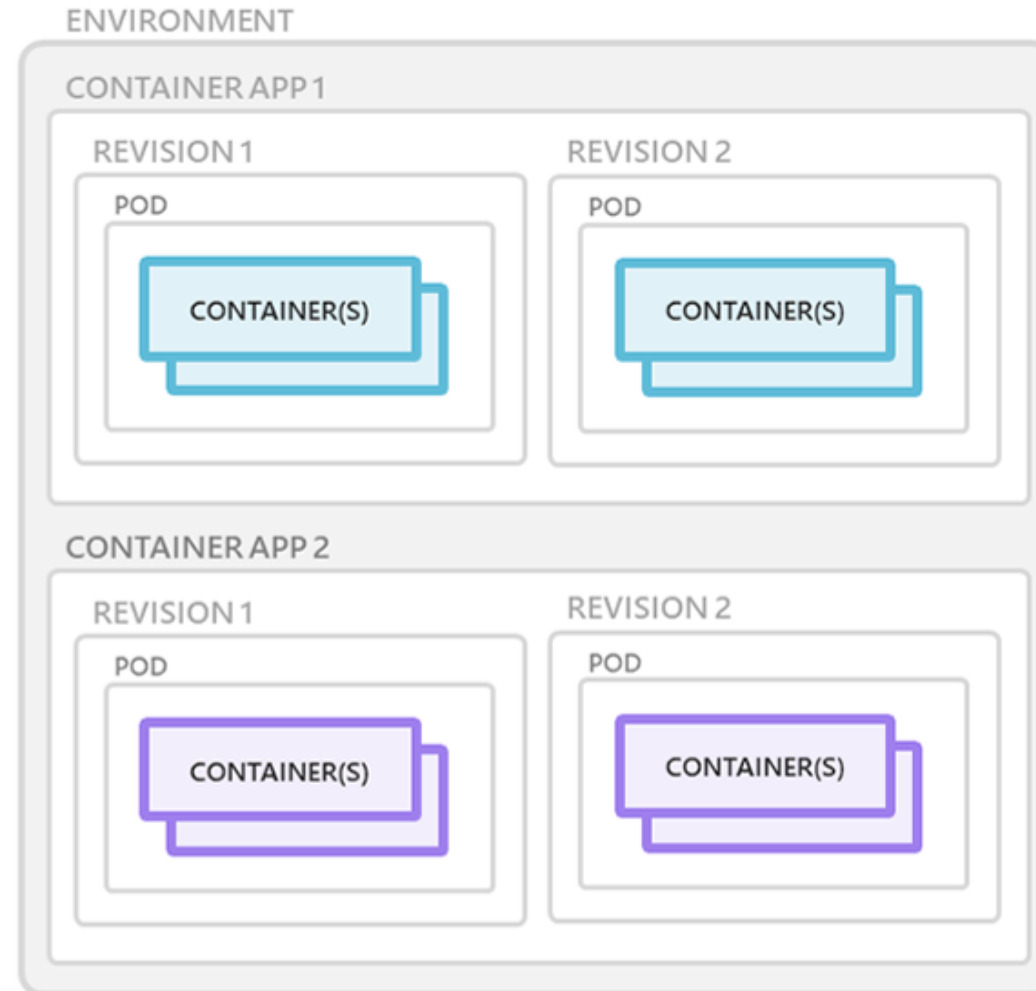
dapr

Micro-services
accelerator

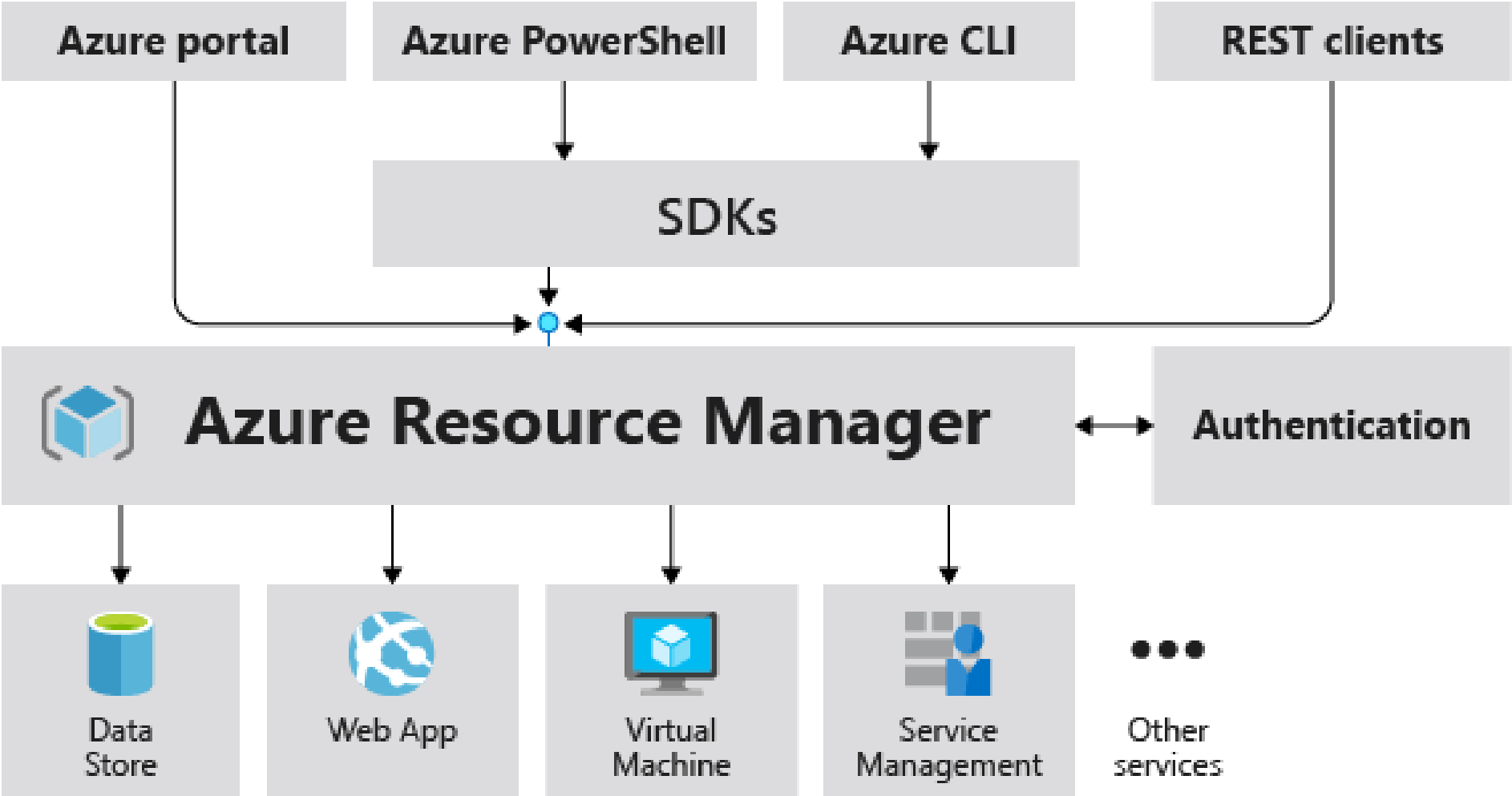


Azure Kubernetes Service

Container App Environment



Creating resources in Azure

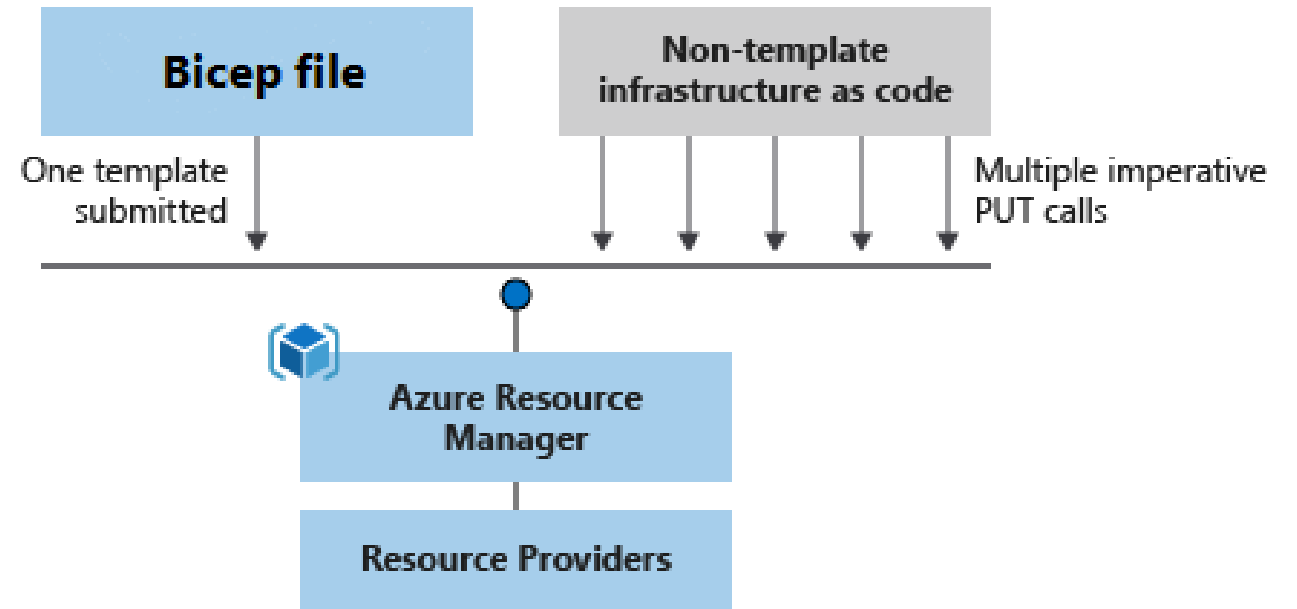


Infrastructure as Code using Bicep

Bicep

- Domain-Specific language for describing Azure resources
- Declarative
- Modular
- Type safe
- Repeatable
- Open source

github.com/Azure/bicep





GitHub Copilot

Thank you!

Slides available at
aka.ms/do/node-microservices

Resources

This session

- [Application GitHub repo](#)
- [Full workshop](#)
- [Slides](#)

Bicep

- [GitHub repo](#)
- [Learn Bicep](#)
- [Quickstart templates](#)
- [Bicep playground](#)
- [VS Code extension](#)

GitHub

- [Codespaces](#)
- [Actions](#)
- [Copilot](#)

Azure

- [Container Apps](#)
- [Static Web Apps](#)
- [Intro to Docker containers](#)