

Distributed Microservices with Dapr

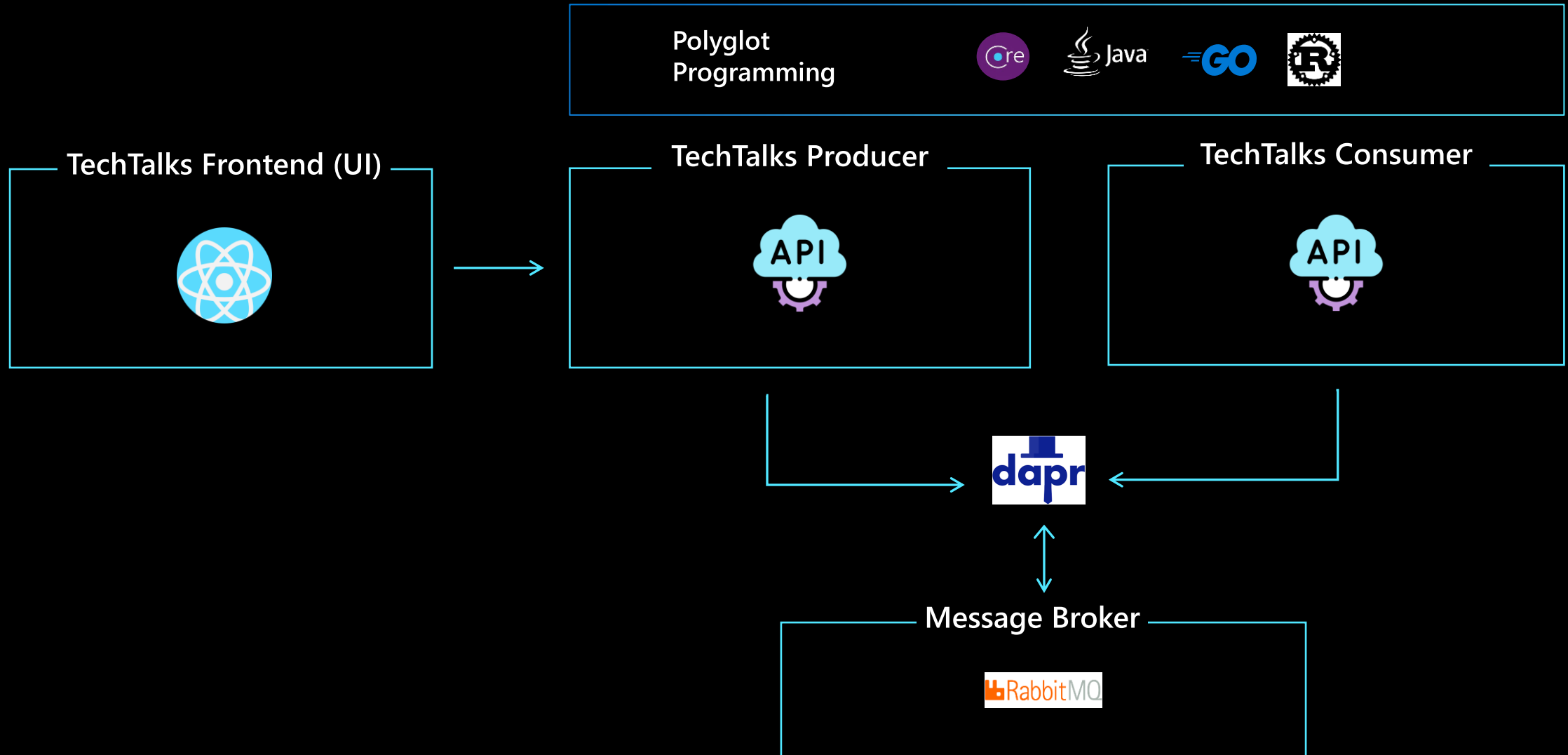
Nilesh Gule @nileshgule



Cloud Native Ninja



TechTalks Application Architecture



Dapr overview



HTTP API

gRPC API



Service-to-service invocation

State management

Publish and subscribe

Resource bindings and triggers

Actors

Observability

Secrets

Configuration

Distributed Lock

Any cloud or edge infrastructure

Microsoft Azure

aws

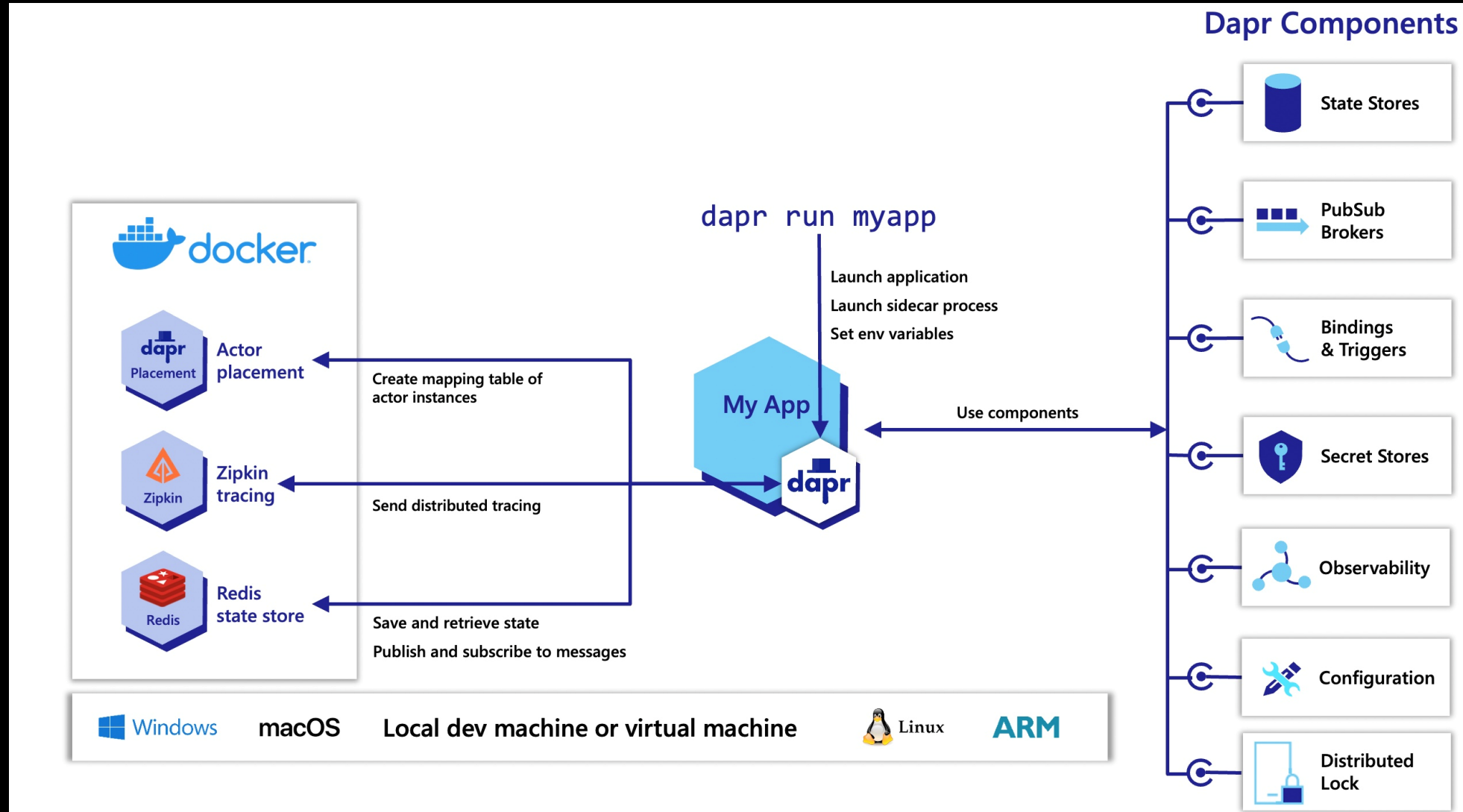
Google Cloud

Alibaba Cloud

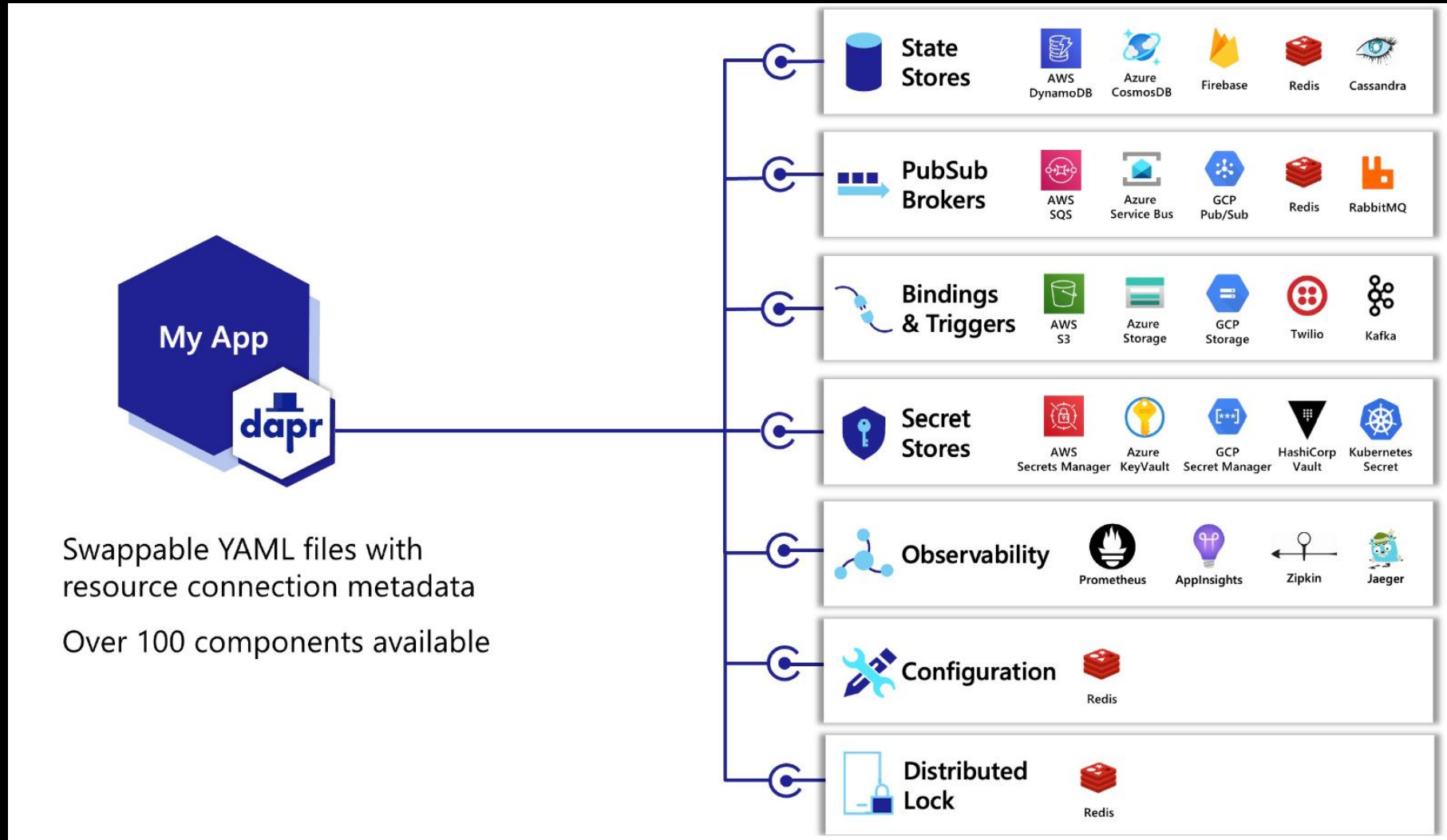
kubernetes

virtual or physical machines

Dapr local development



Dapr Components



Why use Dapr



- Any language, any framework, anywhere
- Building blocks for cloud and edge
- Multiple hosting environments
- Language specific SDKs
 - C++, Go, Java, JavaScript, .NET, PHP, Python, Rust
- Frameworks
 - ASP.NET Core, Spring Boot, Flask, Express
- Designed for operations

Get started



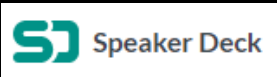
Cloud Native Ninja GitHub repo: <https://github.com/NileshGule/cloud-native-ninja>



Slides



Slideshare: <https://www.slideshare.net/nileshgule/>



Speaker Deck: <https://speakerdeck.com/nileshgule/>

Build Modular Microservices with Dapr resources

- [Dapr.io](https://dapr.io)
- [Dapr RabbitMQ PubSub component](#)
- [.Net Minimal API's](#)
- [CloudEvents](#)