



Cloud native Java

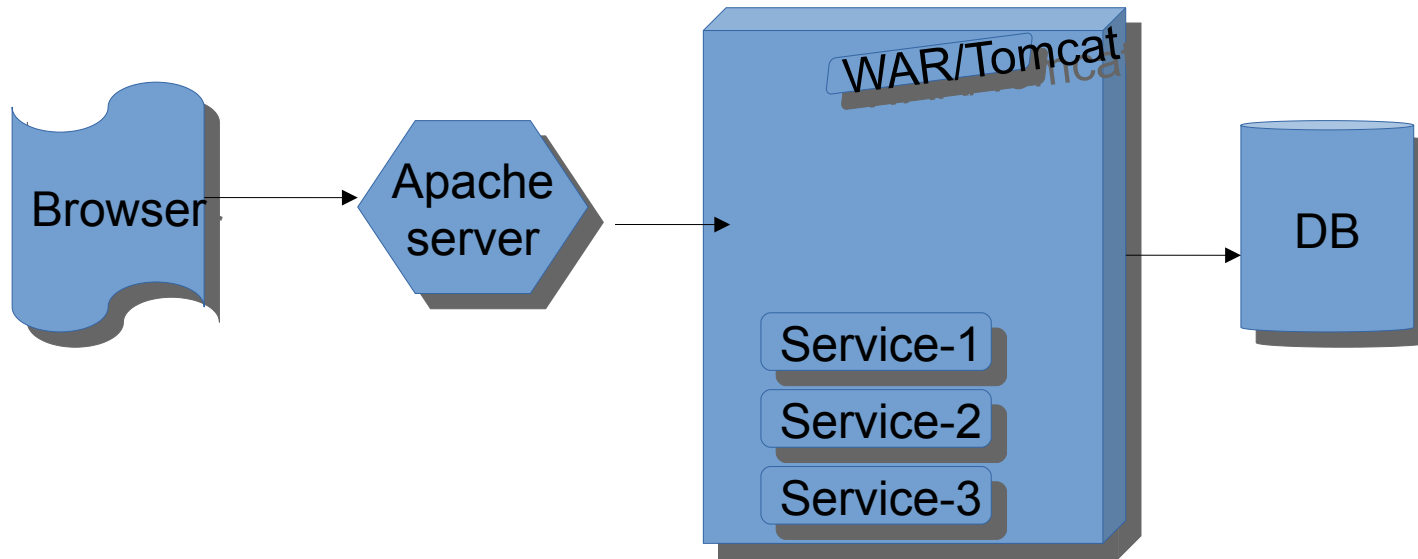
Kanchana Welagedara

Apache software foundation/JP Morgan chase

@kanchanawelaged



Monolithic Architecture



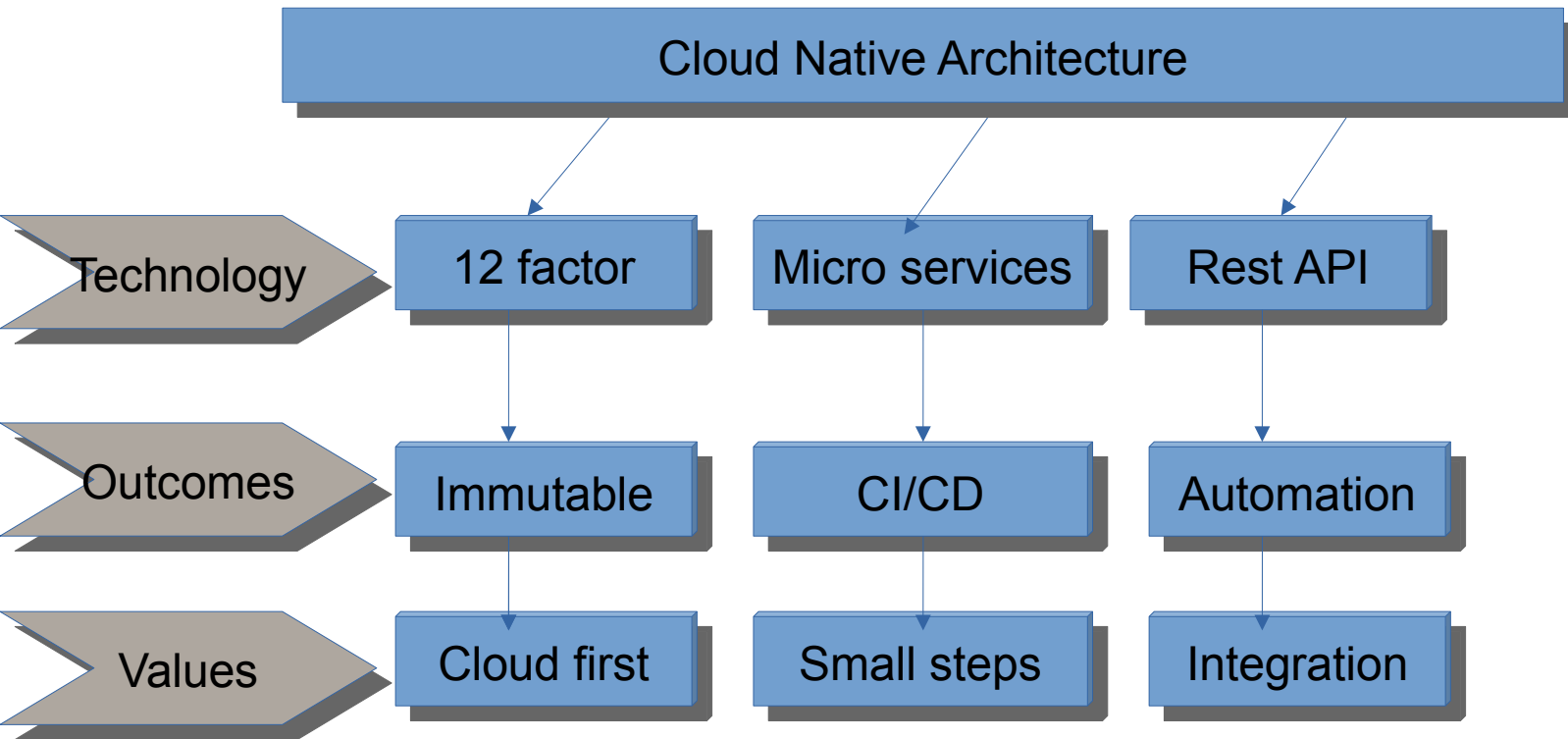
Outcomes

Less Immutability

Less CI/CD capabilities

Less Automation capabilities

Cloud Native Architecture



Spring boot model for Cloud Nativity

Configuration

Service
discovery

Circuit
breakers

Routing
and messaging

API Gateway

Tracing

CI & Pipelines
and Testing

Let's digging to code

- Building cloud native Java application
 - Use Spring boot cloud components
 - Set up-→start.spring.io
 - What you need →Java 8, maven 3.1 or above
 - IDE,might need Spring boot CLI,
 - might need Spring Cloud CLI
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Why?

- Why Spring
- Why Jar, not war
- Why by-name links for searching services

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Demo

- The Config Server
- Service Registration and Discovery
- Edge Services: API gateways (circuit breakers, client-side load balancing)
- To the Cloud!
- Security
- Consumer Driven Contract Testing and more!



Thank you all & Josh

