



Modern Software Development

Anthony Simas and Jessica Doud

Events App

[Customers](#) [Events](#) [Registrations](#)

List of Users/Customers

Name	Email
Bruce	bruce@a.com
Paul	paul@b.com
Rick	rick@c.com

[New Customer](#)

[Log Out](#)

User: Rick

Events App

[Customers](#) [Events](#) [Registrations](#)

List of Events

Code	Title	Description
1	All-Java Conference	Lectures and exhibits covering all Java topics
2	Spring Boot Workshop	Hands-on Spring Boot Workshop
3	Angular Training Course	Five day introductory training in Angular

[New Event](#)

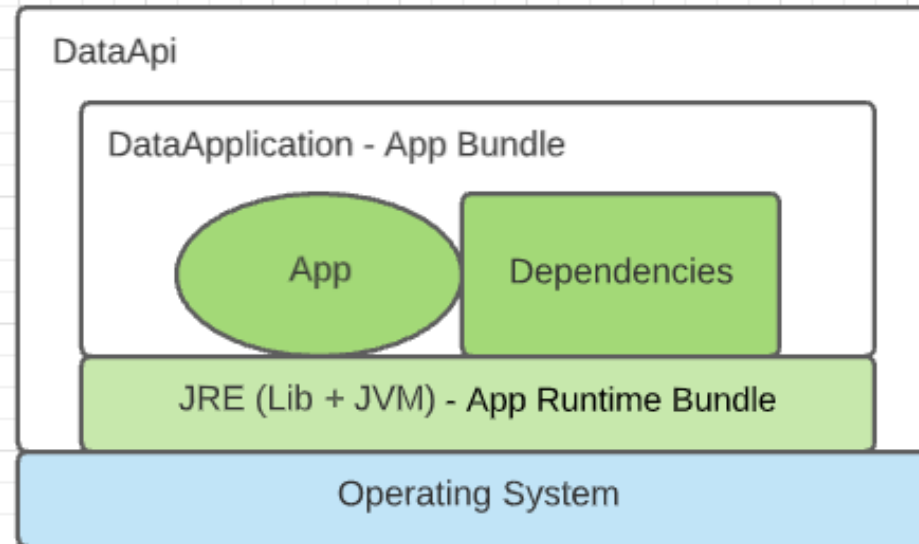
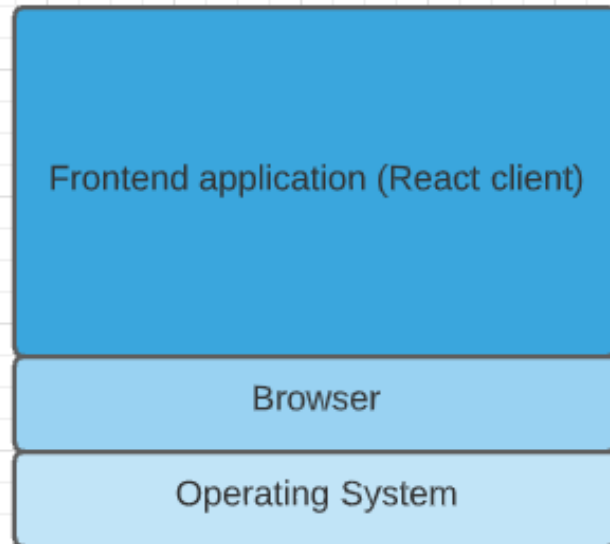
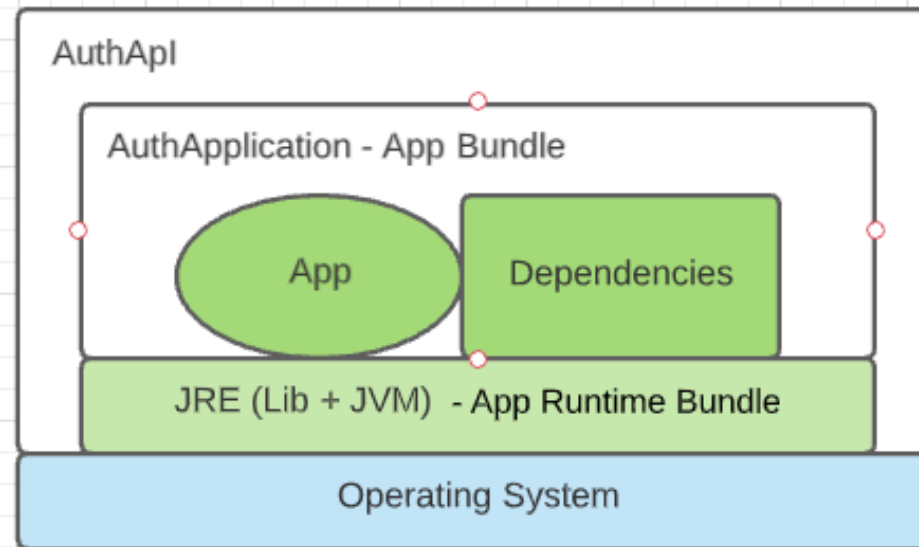
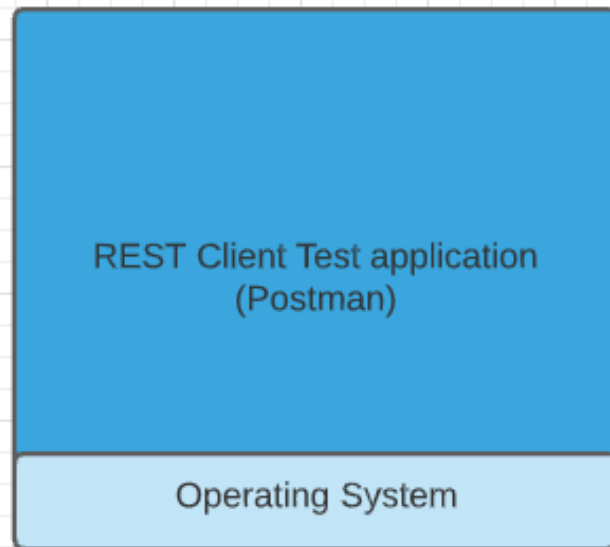
[Log Out](#)

User: Rick

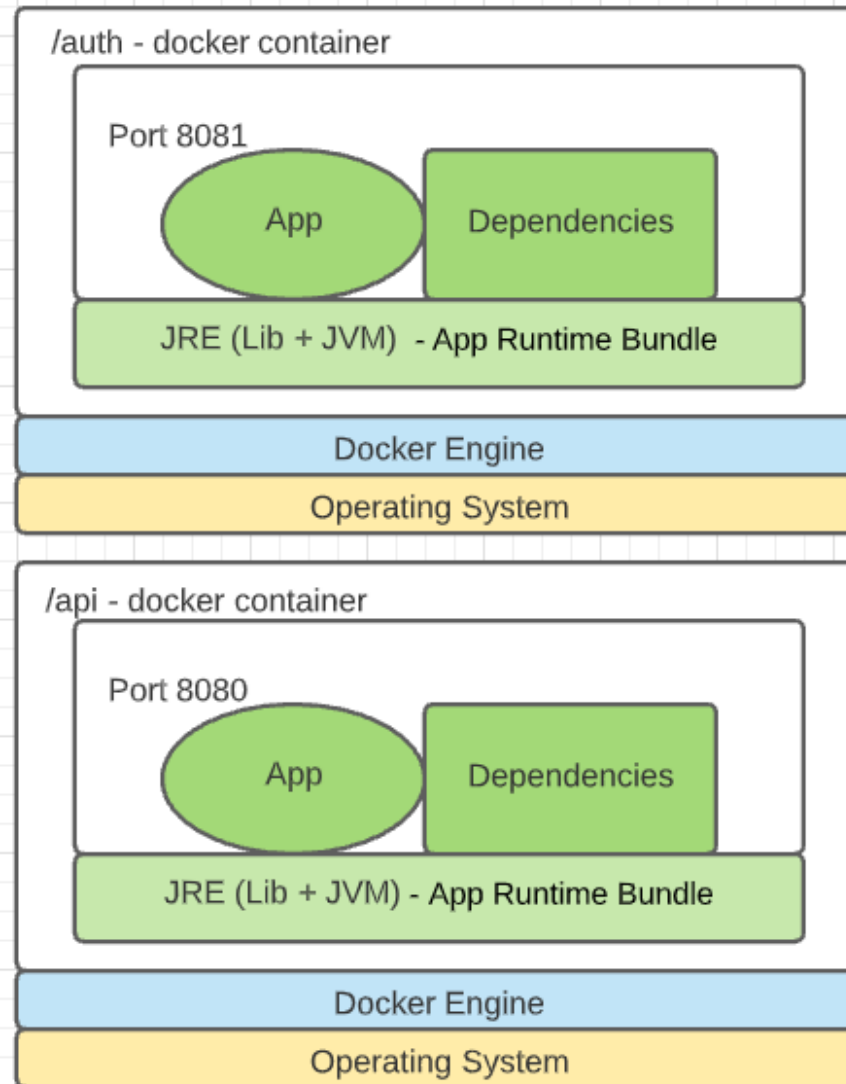
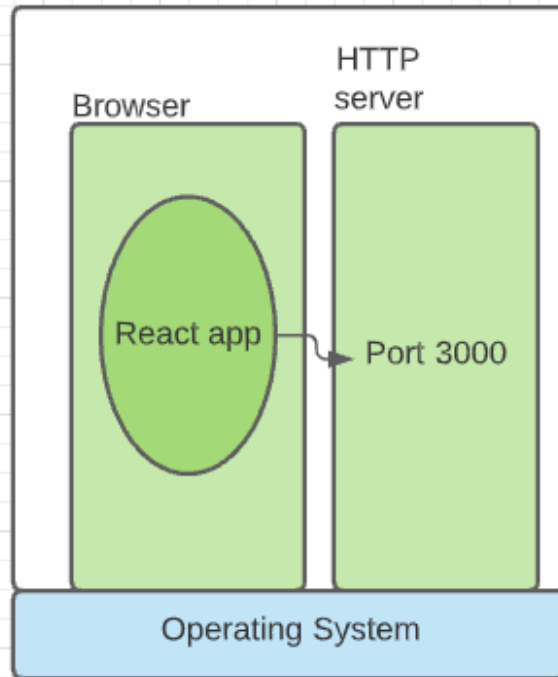
Event Registration

Tools/Software

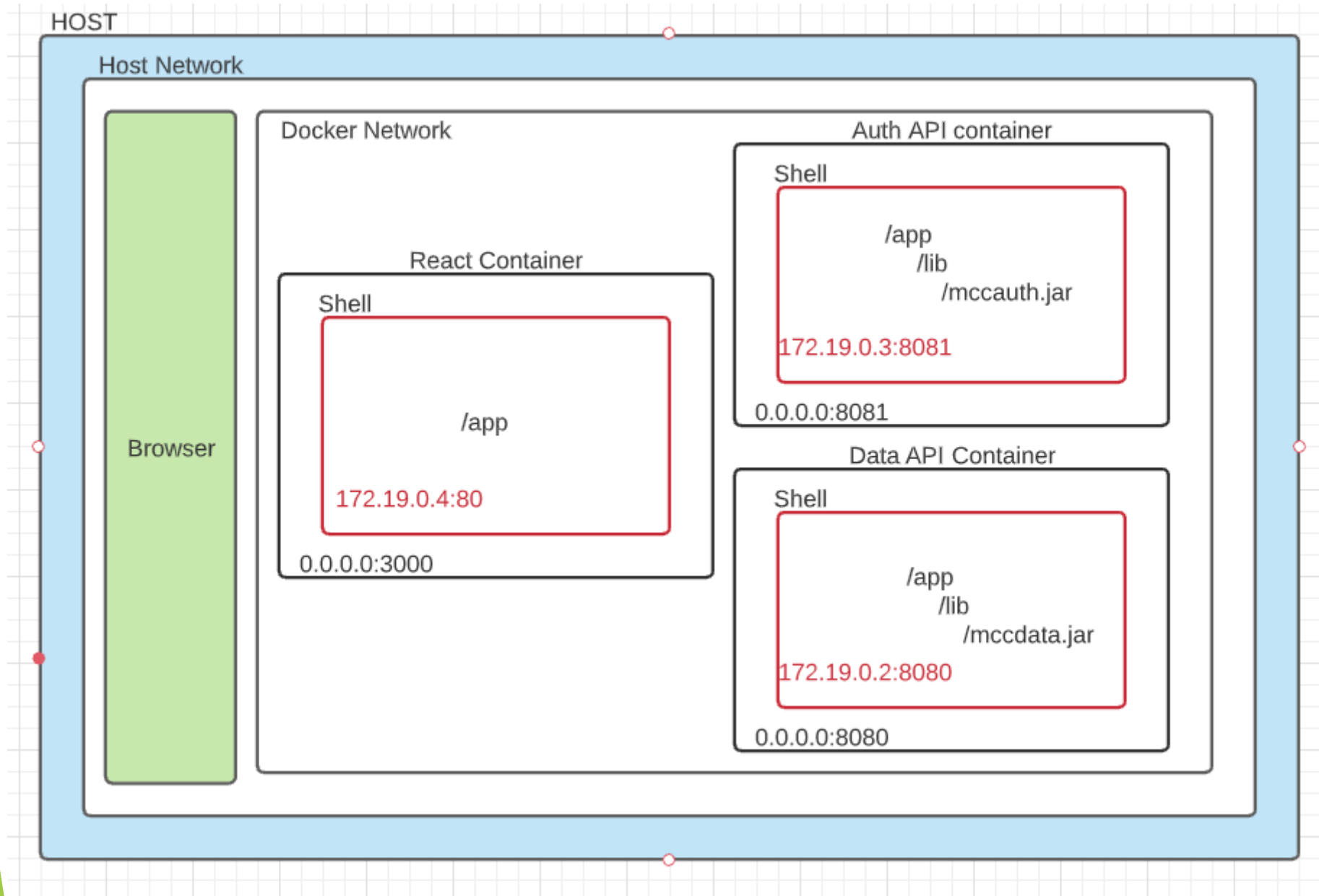
- ▶ React
- ▶ Java
- ▶ Spring
- ▶ Gradle
- ▶ Kubernetes
- ▶ Logging
- ▶ Prometheus
- ▶ Jaeger
- ▶ Jenkins

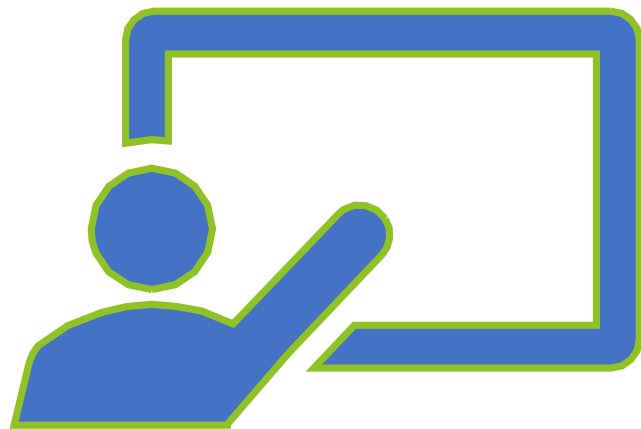


Architecture/Design



Architecture/Design

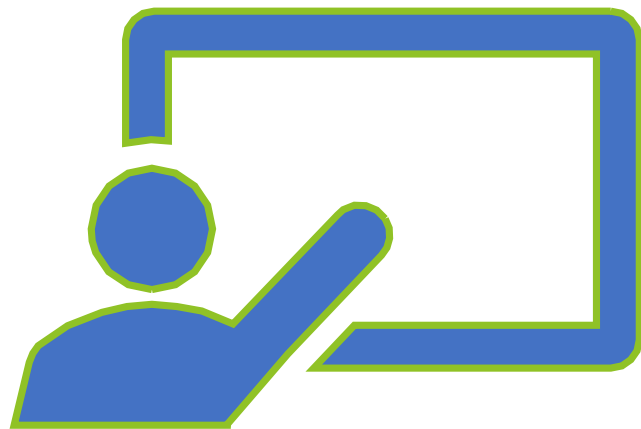




React Demo



Postman Demo



Kubernetes Demo



Prometheus Demo

Challenges

- ▶ Registration front-end issues
- ▶ Registration back-end issues
- ▶ Time

Future Work

- ▶ External Database
- ▶ Aesthetics of front-end/UI
- ▶ Jaeger
- ▶ Jenkins
- ▶ Security
- ▶ Input Validation

Questions?

- ▶ React
- ▶ Java
- ▶ Spring
- ▶ Gradle
- ▶ Kubernetes
- ▶ Logging
- ▶ Prometheus
- ▶ Jaeger
- ▶ Jenkins