

Modern Software Development

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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](#)

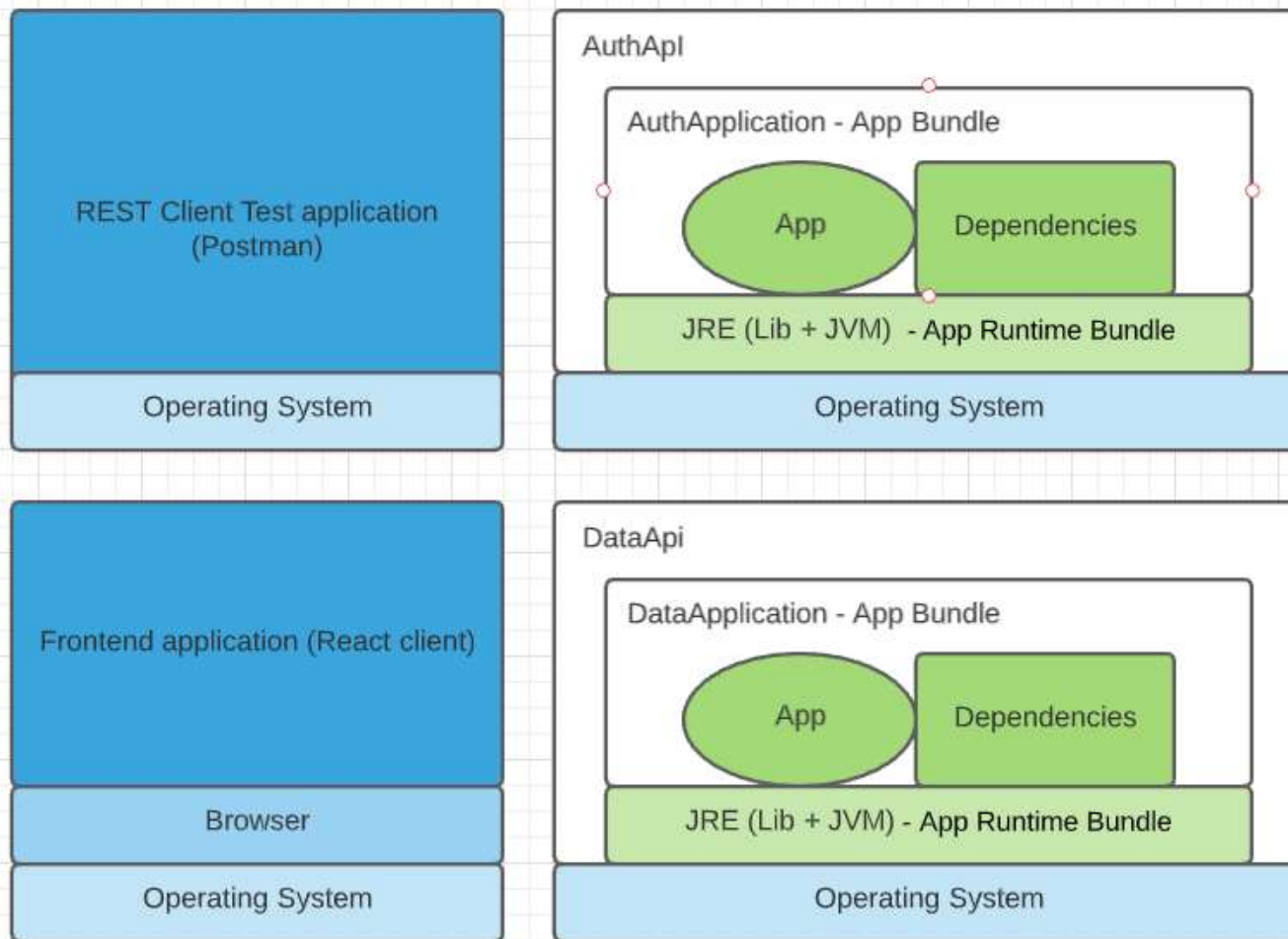
[Log Out](#)

User: Rick

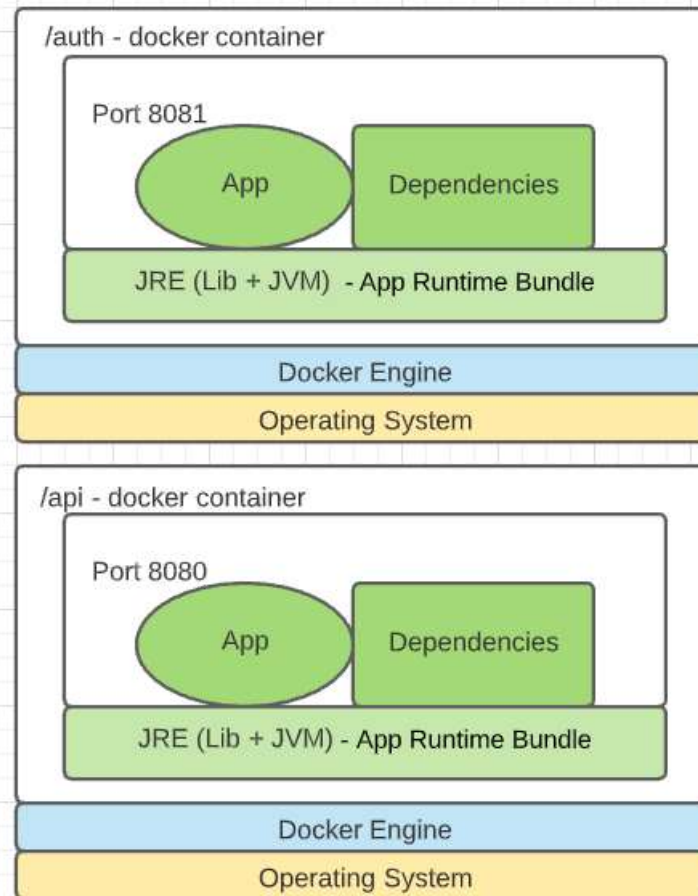
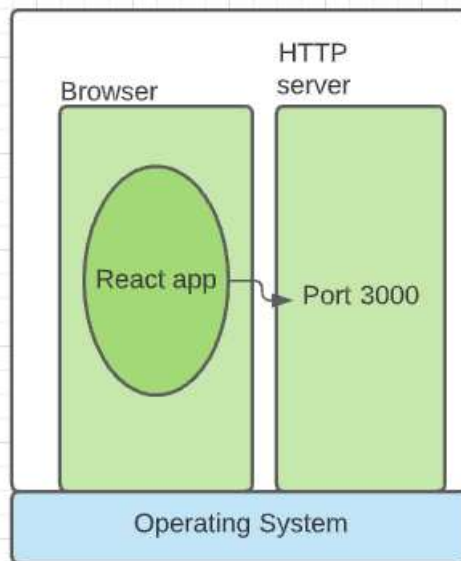
Event Registration

Tools/Software

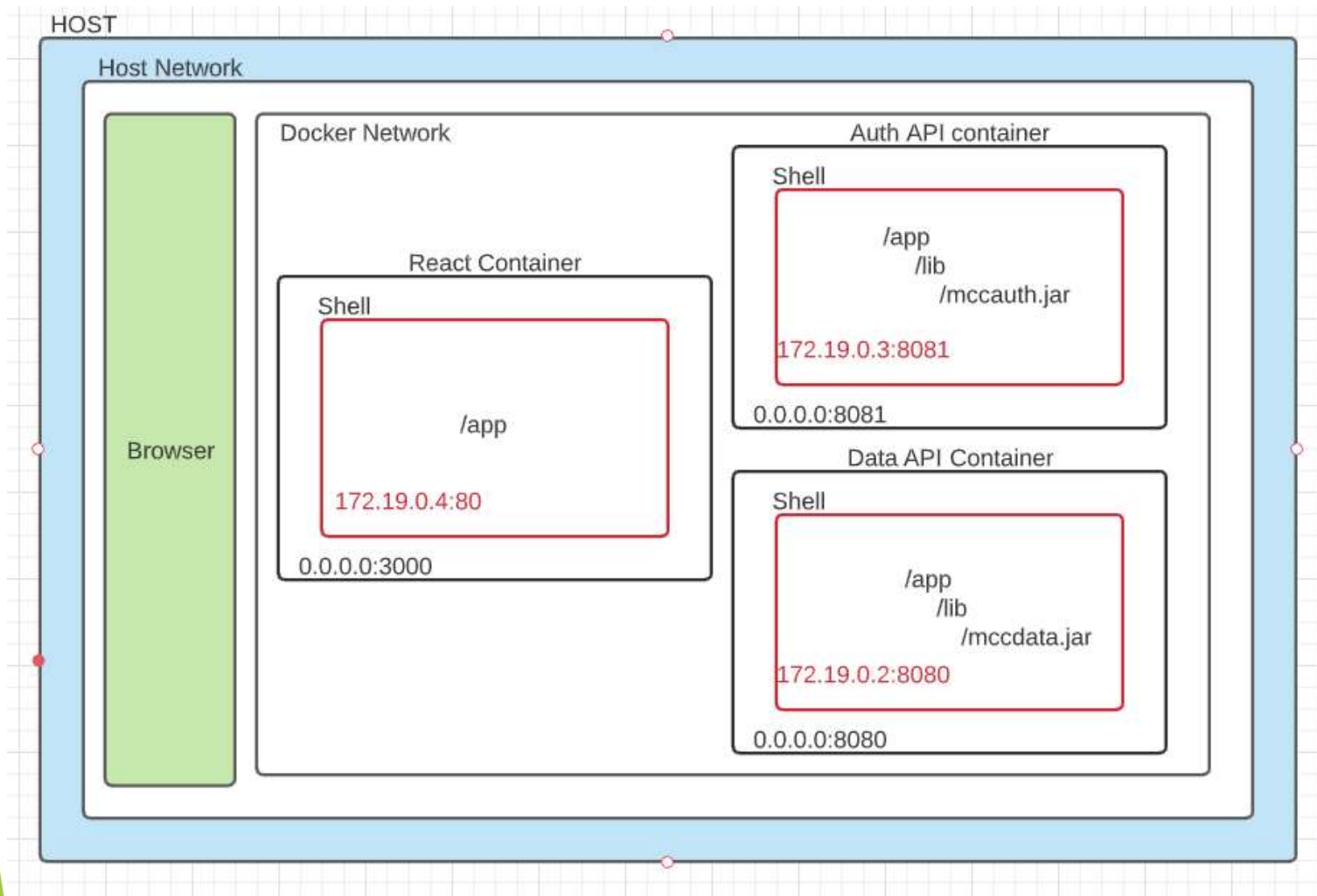
- ▶ React
- ▶ Java
- ▶ Spring Boot
- ▶ Kubernetes
- ▶ Logging
- ▶ Prometheus
- ▶ Jaeger
- ▶ Jenkins



Architecture/Design



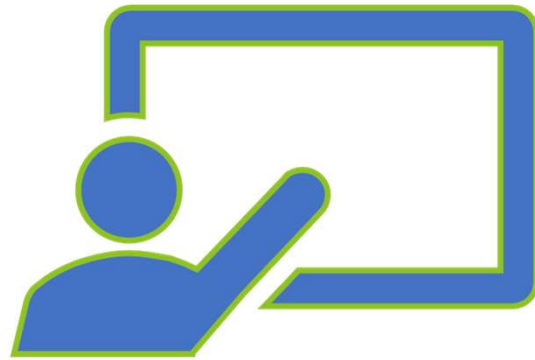
Architecture/Design



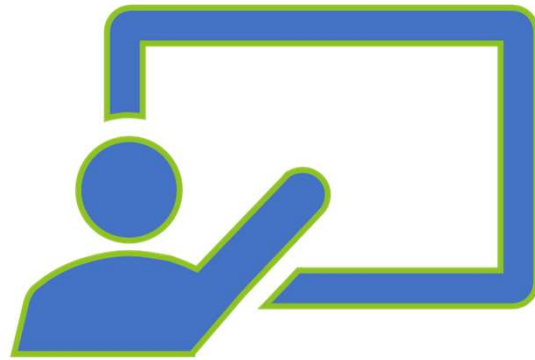
Logging/Monitoring/Tracing

- ▶ To be done later

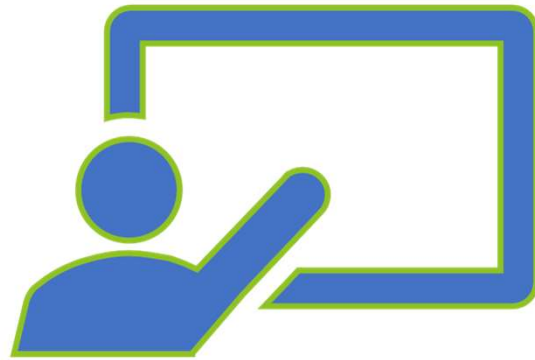




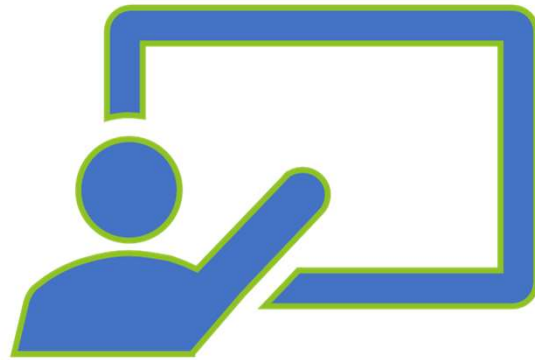
React Demo



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 Boot
- ▶ Kubernetes
- ▶ Logging
- ▶ Prometheus
- ▶ Jaeger
- ▶ Jenkins

