

Required Knowledge for Sysco Labs Engineers

Design and Architecture

1. Domain Driven Design (DDD)
2. Microservices Architecture: <http://martinfowler.com/articles/microservices.html>
3. Reactive Programming
4. Clean Architecture
5. Essential reading;
 - a. Tolerant Reader Pattern: <http://martinfowler.com/bliki/TolerantReader.html>
 - b. Magnanimous Writer Pattern: <http://tenderware.blogspot.com/2011/05/magnanimous-writer.html>

Testing

1. Microservices Testing Strategies <http://martinfowler.com/articles/microservice-testing/>
2. Consumer Driven Contracts: <http://martinfowler.com/articles/consumerDrivenContracts.html>

Infrastructure

1. Amazon AWS

Tool specific knowledge

Git

1. Gitflow Workflow: <https://www.atlassian.com/git/tutorials/comparing-workflows/gitflow-workflow>

Java

1. Java Language knowledge (version 8 features)
2. Play! Framework
3. Dropwizard
4. Akka
5. Protobuf
6. Writing non-blocking code in Java

FrontEnd/JavaScript

Refer <https://wiki.leapset.com/display/DEV/JavaScript> for a comprehensive list of training suggestions for Front-End development using JavaScript.

Miscellaneous

1. Docker