

# DevOps Accelerator

**INSTRUCTOR-LED | 30 HOURS | ONSITE OR REMOTE**

## OVERVIEW

This course focuses on Agile and XP workflows, CI/CD, testing and automation to shorten your release cycle while making deployments more seamless and secure. Learn how to keep production environments running smoothly with logging and monitoring tools.

## DELIVERY OPTIONS

- Ten 3-hour sessions over 1 week or multiple weeks

## OUTCOMES

- Understand and adopt the skills necessary to optimize your delivery pipeline

## AUDIENCE

- Early to mid level Software Engineers or System Engineers with Linux and some programming experience

## AGENDA

6 hrs

### Agile and XP

Apply hands-on practice for working with Agile and XP workflows on client projects. Create, update, and estimate stories to demonstrate an ability to break down projects.

6 hrs

### Containerization with Docker

Take advantage of containers and understand how they fit into a modern workflow for development.

6 hrs

### Test Driven Development

Increase test coverage for your code to build and maintain confidence with unit and integration tests.

6 hrs

### Continuous Integration & Delivery

Explore the benefits of using continuous integration pipelines in Jenkins to automate your testing and deployments.

6 hrs

### Logs and Monitoring

Maximize the uptime in your production environments and ensure any errors are detected quickly by leveraging the ELK stack (Elasticsearch, Logstash, Kibana).

