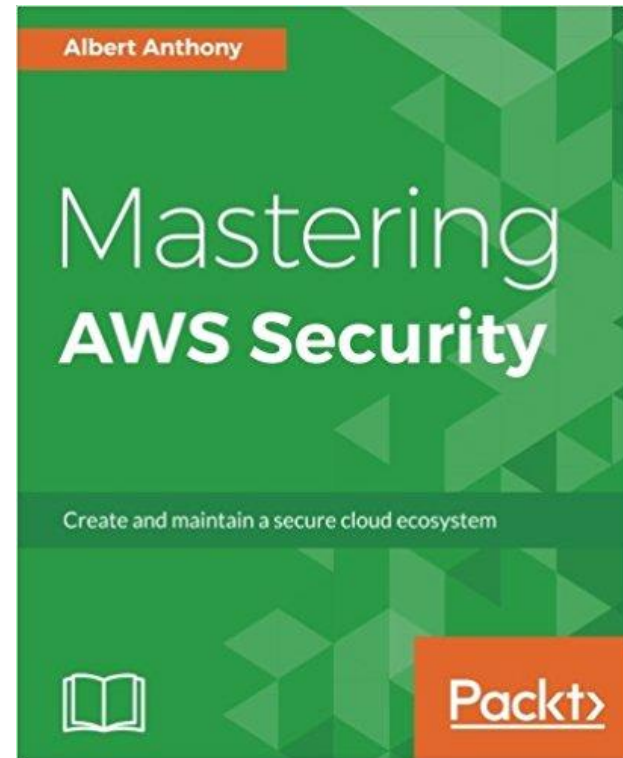# DevOps Essentials Training

31 Jan-1 Feb, 2019

Albert Anthony

Introductions

- Founder of Loves Cloud (www.loves.cloud)
- Trainer & Solution Architect
  - Containers, DevOps & Cloud
- Author – Mastering AWS Security

Setting Expectations

- Topics Covered
  - Overview of DevSecOps
  - GitHub Hands-On (4 Labs)
  - Jenkins Hands-On (7 Labs)
  - Docker Hands-On (4 Labs)
  - 15 Hands-on Labs
- Covers DevSecOps Fundamentals
- Covers 3 Tool at High Level

Pre-requisites

- Putty/GitBash

- Resources:
    1. Launching Your Own Server in Cloud
    2. GitHub Account

Training Methodology

- Less theory, more labs
- Fully functional environment for all participants
- Servers and software pre-installed
- Hands-on labs for all topics
- Team and individual assignments
- Best Practices
- Lab instructions document
- Labs similar to real projects
- All training material to be shared with participants
- Training Feedback – Day 1 and Day 2

Training Schedule – Day 1

- Introductions
- Setting Expectations
- Overview of Training
- Launching Your Own Servers
- Overview of DevOps
- Overview of GitHub
- Overview of Jenkins

Training Schedule – Day 2

- Jenkins with GitHub
- CI/CD with Jenkins
- Overview of Docker
- Docker Compose
- Best Practices

Download Lab Instructions

- **https://github.com/ albertlovescloud/ril devopsessentials**