



Smoothstack Candidates undertake a hands-on course that fully prepares them for becoming a DevOps Engineer as part of an enterprise agile team.

The course is laser-focused on practical knowledge of how to build, test and deploy full-scale enterprise apps both on the front- and back-end. We empower candidates to analyze and solve real-world scenarios.

DevOps (AWS) Curriculum



Core Python

- Python Basics
- Lambda Expressions
- NumPy
- Pandas
- Data Frames

UNIX and Shell

- Linux and Kernel
- Basic UNIX commands and exercises
- Shell Scripting
- OS Level networking - TCP/IP, SMTP, SNMP
- DNS, Email on Linux

Containerization

- Docker
- Kubernetes
- Kubernetes Dashboard
- Namespaces and Context

AWS

- Linux to High level Git Webhook
- AWS to S3
- High-level Elasticity in the cloud to Monitoring overview with Cloud Watch
- Containers VS VM to AWS ECS, EKS

CI/CD and Infrastructure

- Jenkins
- Terraform
- Terratest
- Terragrunt
- Ansible
- Chef

