

Month one

Week 1 - Overview & Introductions to DevOps

▶ What is DevOps? - In Simple English

Week 2 – Operating systems & Linux and Bash scripting

▶ Linux Operating System - Crash Course for Beginners

▶ Bash Scripting Full Course 3 Hours

Week 3. Version Control with Git & GitHub Actions & Build & Package Manager Tools

▶ Git and GitHub for Beginners - Crash Course

▶ GitHub Actions Tutorial | From Zero to Hero in 90 minutes (Environments, Secrets, Runners, etc)

▶ DevOps 101: Introduction to Package Management

▶ Top 10 DevOps Tools | Learn DevOps Tools | Best DevOps Tools | DevOps Tools Tutorial | Intellipaat

Week 4- Cloud & IaaS

Month two

Weeks 5- Artifacts Repo Manager

Week 6 - Containers - Docker and Kubernetes

Week 7 - Build Automaton CI/CD with Jenkins

Week 8 - AWS Services and Suite of AWS DevOps Tools

Month three

Week 9 - Container Orchestration

Week 10 - K8s on AWS

Week 11 - infrastructure as code (IaC) with Terraform and Ansible

Week 12 - Programming Basics (Python)

Month four

Week 13 - Configuration Management with Terraform and Ansible

week 14- Monitoring with Prometheus & Grafana

Week 15 - DevOps Certification prep, Docker Certified Associate & AWS Certified SysOps Administrator

week 16- Assignment on real-life projects and long term projects assignments with clients