



ZERO TO HERO

DevSecOps & Cloud DevOps

Immediate Access To Complete Course

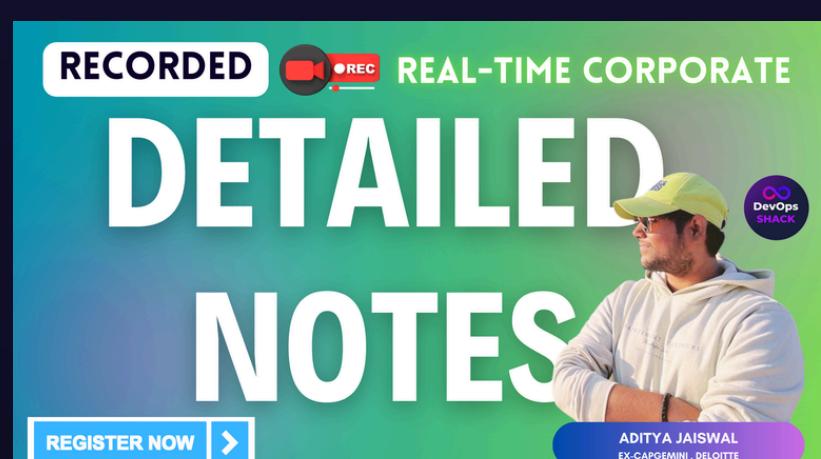
PRE-RECORDED + 1:1 GUIDANCE



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SUCCESS

STORIES

The collage consists of several screenshots of messaging conversations. At the top left is a screenshot of a LinkedIn message from a user named Singh, where he expresses interest in connecting and asks for help with Deloitte's Senior Consultant role. In the center is a screenshot of a WhatsApp group message from October, showing a student named Paran sharing a link and expressing gratitude for Aditya's support. To the right is a screenshot of a WhatsApp message from a student named Praveen, who got an offer from Capgemini. Below these are more screenshots showing messages from students like Siddhant, Rakesh Kumar, and TK, all sharing positive outcomes such as job offers or successful interviews. The overall theme is the impact of Aditya's training on his students' professional journeys.

Hi Aditya
Hope you are doing well!!
Can we connect one -o-one as I wanted to tell u that just by going through your shared DevOps material , I got selected in Deloitte as a Senior Consultant role for Cloud Infrastructure Development . I had few queries regarding the organisation. Can you help me with it?
I have also been a part of yourBatch-7 of DevOps learning

Aditya Jaiswal • 4:58 PM
Today evening 8pm
Will share a link
Link

Paran
last seen recently
only:
- main
tags:
- self-hosted

Thank you soo much Aditya for your k 🙏.. will go through it..

Hi Aditya.. extending my thanks to you since I joined my new company after your course. The foundation you build via your course and your tube videos is super helpful.. I guess you are among few who thoroughly explained on Gitlab and in my project gitlab is being used and within three months I received internal project reward for work done on gitlab migrating teamcity CD pipeline to GITLAB. Thanks again 🙏

Also now I am in much comfortable place to share and my name publicly.
once you discussed about the podcast .. In case you plan anything in future.. would love to be part of it and share whatever small things which kept me going through this IT break period.

Wow thats really Amazing

Hi Aditya
My name is [REDACTED] Kumar and I am one of the batch 4 student. I got 2 offers one from HCL Tech and another from Iris Software

Thank you so much for all learnings

Amazing man ❤️❤️

Let me know if u need anything

Thank you for your videos. Helped a lot in interviews

Sure, anything comesup I will reach you out

Hi Aditya Kamado
@devopsshack
I'm incredibly thankful to Aditya for his support and guidance, which played a significant role in helping me secure DevOps positions at both Hashedin (15LPA) and InOrg (13LPA) (remote). His encouragement and insights made a real difference throughout my preparation and interviews, and I couldn't have done it without him.

Hi Aditya,
Tanuj this side
I have received 2 offers and 3 offers are in pipeline.
Thanks for the awesome bootcamp.
Learned a lot especially in CI-CD as that was my weak part.
Thanks for the support for making this transition possible from DBA to Devops.

Many congratulations Tanuj



Community of 2Lakh+



Trained 11K+ Students

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Projects in DevOps BootCamp

- **Ultimate Hands-On Projects**

- Multi-tier Node.js + MySQL
- Multi-tier .NET + MongoDB
- Multi-tier Python + PostgreSQL
- Multi-tier Java + MySQL
- Mega Project for EKS
- Mega Project With Helm Chart
- GitOps Project
- Virtual Browser Project
- 11 Microservice Based Project
- Terraform + Ansible Project
- Kubernetes Worker Node Monitoring
- Monitoring Application Deployed in Kubernetes

Module 1: Introduction to DevOps & DevSecOps



- **Introduction to DevOps**

- What is DevOps & DevSecOps ?
- Benefits and challenges
- DevOps Workflow

- **Real-Time Corporate DevOps Workflow**

- Understanding Real End-to-End CI/CD workflows
- Deployment Strategies
 - Blue-Green, Canary, Rolling & Other deployments

- **Detailed Documentation**

- DevOps Notes
- 200 Interview Questions
- 100 Errors, Cause, Solutions & RCA

Module 2: Linux & Shell Scripting



- **Linux Basics**
 - What is Linux? Overview and key features
 - Linux file system hierarchy and key directories
- **Virtual Machines**
 - Introduction to VMs: structure, components, and ports
 - Creating and connecting to a VM via SSH
 - Managing ports and access
- **Essential Linux Commands**
 - Basic and advanced Linux commands
 - File and directory manipulation
- **Package Management**
 - Installing, updating, and removing packages
- **File and Folder Permissions**
 - Understanding and managing permissions
- **User & Group Management**
 - Adding, modifying, and deleting users/groups
- **Linux Networking**
 - Common networking commands
 - Managing network interfaces
- **Linux Troubleshooting**
 - Practical examples and error handling
- **Shell Scripting**
 - Writing and executing scripts for automation
 - Corporate-level shell scripting examples
- **Detailed Documentation**
 - Linux Notes
 - 200 Interview Questions
 - 100 Errors, Cause, Solutions & RCA



Module 3: Git

- **Introduction to Git**
 - Version control basics
 - Setting up Git repositories
- **Essential Git Concepts**
 - Git commands: add, commit, push, pull
 - Git Branch Management
 - Merge vs Rebase With Demo
 - Cherry-Pick With Demo
 - Stash & Pop With Demo
 - Handling Merge Conflicts With Demo
- **Corporate Branching Strategies**
 - Real Company Branching Strategies
 - Feature, release, and hotfix branches
 - Git workflows in corporate projects
- **Errors & Troubleshooting**
 - Git Errors & Troubleshooting Scenarios
- **Detailed Documentation**
 - Git Notes
 - 200 Interview Questions
 - 100 Errors, Cause, Solutions & RCA

Module 4: Build Tools

- **Maven**
 - Introduction to Maven
 - Building Java projects
 - Understanding Project Files (dependencies)
- **Npm**
 - Introduction to NPM
 - Building NodeJS Projects
 - Understanding Dependencies in NodeJS
- **Multi-Tier Projects [Local Building]**
 - NodeJS + MySQL
 - DotNET + MongoDB
 - Python + Postgres
 - Java Full Stack Project
- **App Deployment To Tomcat Server Manual**
 - Setup Tomcat Server
 - Deploy a Java Application on Tomcat
- **Detailed Documentation**
 - Build Tools Notes
 - 200 Interview Questions
 - 100 Errors, Cause, Solutions & RCA

Module 5: CI/CD Tools



- Jenkins, GitHub Actions, GitLab CI/CD
 - Jenkins setup, configurations, and plugins
 - Creating Jenkins jobs
 - Freestyle,
 - Pipeline,
 - Multibranch
- Jenkins Shared libraries
- Jenkins Parameters
 - Creating Pipelines With Different Types Of Parameters
- Access Management Using Matrix
- Generic Webhook Trigger Setup For Jenkins Pipelines
 - Configuring Webhooks in GitHub & Jenkins For automatic trigger of Jenkins Job on Git Push
- Multibranch Pipeline Webhook Setup
 - Configuring Webhooks in GitHub & Jenkins For automatic trigger of Multibranch Jenkins Job on Git Push
- Jenkins Integration With SonarQube
 - Perform Sonar analysis on Java, NodeJS & Python projects

Module 5: CI/CD Tools



- **Jenkins Integration With Nexus**
 - Building & Deploying Application Artifacts to Nexus
- **Jenkins Integration With Security Tools**
 - Integrating Security Tools Like Trivy, OWasp Dependency Check for FS & Docker Image Scanning
- **Jenkins Scenario Based Implementations**
 - Implementing Different scenarios using Jenkins Pipelines
- **Jenkins Upstream & Downstream Job in Jenkins**
 - Creating Jenkins Jobs Dependent on Other JObs & Getting triggered by one.
- **Jenkinsfile**
 - Creating & Working WIth Jenkinsfile
- **Jenkins Backups**
 - Taking Jenkins Jobs & Jenkins Backup
- **Jenkins Troubleshooting**
 - Understanding Jenkins Errors & how To resolve those.
- **Jenkins Mail Notifications**
 - Configure Pipelines to send mail notifications over OutLook or Gmail
- **Web Application Build & Deploy To Tomcat Web Server**

Module 5: CI/CD Tools



- **Full-stack CI/CD Jenkins pipelines [In K8 Modules]**
 - 11 Microservice Project Pipeline
 - Multi-Tier Projects
 - Full Stack Projects
- **GitHub Actions**
 - Configuration & Agent Setup
 - End-To-End CICD Pipeline From Scratch
- **GitLab CI/CD**
 - Configuration + Runner Setup
 - End-To-End CICD Pipeline From Scratch
- **Detailed Documentation**
 - Jenkins Notes & Code
 - 200 Interview Questions
 - 100 Errors, Cause, Solutions & RCA

Module 6: SonarQube



- **What is SonarQube & How It Works?**
 - Sonar Server VS Sonar Scanner
 - Code Quality Check & Code Coverage
 - What Issues Sonar Finds
- **SonarQube Local Setup With SSL Certificate & HTTPS**
 - Setting Up SonarQube Locally
 - Understanding Quality Profiles & Rules
 - Understanding Quality Gate
- Jenkins Integration With SonarQube
 - Connect to Jenkins Using Server URL & Token
 - Code Quality and Coverage With Quality Gate Check
- [Hands On Projects]
 - Integrating SonarQube with CI/CD tools
 - SonarQube Analysis on Java Project
 - SonarQube Analysis on NodeJS Project
 - SonarQube Analysis on Python Project
-
- Multibranch Analysis in SonarQube
 - Analysis On Multiple Branches using Community Branch Plugin
- Detailed Documentation
 - SonarQube Notes With Steps
 - 200 Interview Questions
 - 100 Errors, Cause, Solutions & RCA

Module 7: Security Tools



- **Trivy**
 - File System Scan & Docker Image Scanning
 - Filter Results & Export Report in Tabular Format
- **OWASP Dependency Check**
 - Scan For Vulnerabilities In Project Dependencies
- **Prowler**
 - Scans AWS Account for security assessments, compliance checks, and audits
- **OWASP ZAP**
 - Penetration Testing for Deployed Applications
- **HashiCorp Vault**
 - HashiCorp Vault: secrets management
- **Detailed Documentation**
 - Notes
 - 200 Interview Questions
 - 100 Errors, Cause, Solutions & RCA

Module 8: Nexus Artifact Management

- **Artifact Management in DevOps**
- **Setup Nexus & Configuration**
 - Setting up Nexus in Local
 - Setting up Nexus Using Docker
- **Configuring repositories and artifacts**
 - Create Repos & Configure Nexus
 - Understand Different Kind Of Repos
- **CICD Integration With Jenkins [Project]**
 - Build & Deploy Java Project Artifact To Nexus
 - Build & Deploy NodeJS Project Artifact To Nexus
- **Downloading Nexus Artifacts in Local & Pipelines**
 - Local Download & in Pipeline download
- **Private Docker Registry Setup In Nexus [Corproate Task]**
 - Private Docker Registry setup in Nexus & Pushing Docker Images To It
- **Detailed Documentation**
 - Notes
 - 200 Interview Questions
 - 100 Errors, Cause, Solutions & RCA



Module 9: Docker



- **Docker Basics**
 - What is Docker & What Problem Does it Solve?
- **Docker Architecture**
 - Docker Daemon(Dockered) , Docker CLI
 - Docker Image, Docker Container, Dockerfile
- **Writing optimized Dockerfiles**
 - Learn How To Write Dockerfiles
 - Keywords In Docker
- **Docker Commands**
 - Learn the most important Docker Commands
- **ADD VS COPY & CMD VS ENTRYPOINT**
- **Building images and running containers**
- **Pushing Docker Images To DockerHub Repo**
- **Pushing Images to ECR [Elastic Container Registry]**
- **Multi-Stage Dockerfile**
 - Understanding & Writing Multi-Stage Dockerfiles
 - MultiStage Dockerfile for Java Project
 - MultiStage Dockerfile for NodeJS Project

Module 9: Docker



- **Docker Compose**
 - Writing Docker Compose Files
 - MongoDB + MongoExpress Project
 - Multi-container deployments
- **Docker Networking and Volumes**
 - Understanding Docker Networks & Volumes Hands-On
- **Hands-On Projects**
 - Docker Integration With CICD
 - Multi-tier Node.js + MySQL
 - Multi-tier .NET + MongoDB
 - Multi-tier Python + PostgreSQL
 - Multi-Tier Java + MySql
 - Full-Stack Java Application
 - Virtual Browser Project
 - Ekart [Java Project]
 - TaskMaster [Java Project]
- **Detailed Documentation**
 - SonarQube Notes With Steps
 - 200 Interview Questions
 - 100 Errors, Cause, Solutions & RCA

Module 10:Kubernetes



- **What Problem Does K8 Solves?**
- **K8 Architecture**
 - Kubernetes Detailed architecture & Workflow with Diagram
 - Kubernetes Resources Deployment, Pods, Namespaces, Services, Secrets, ConfigMaps , PVC, PV, Storage Class
 - Service Types
 - Kubernetes Networking
- **Kubernetes Setups**
 - Local K8 Setup Using Kubeadm [Hands-On Demo]
 - EKS [Elastic Kubernetes Service] [Hands-On Demo]
 - AKS Setup [Shown in Azure Module] [Hands-On Demo]
 - Highly Available K8 Cluster [Hands-On Demo]
 - Role Based Access Control [Hands-On Demo]
- **Kubernetes Important Tasks**
 - Rollbacks [Hand-On Demo]
 - Horizontal Pod Autoscaling [Hands-On Demo]
 - Vertical Pod Autoscaling [Hands-On Demo]
 - Taints & Tolerations [Hands-On Demo]
 - Dynamic Volumes for Persistent Storage With EBS [Hands-On Demo]

Module 10:Kubernetes



- **Kubernetes Projects**
 - Full-Stack Mega Project With Persistent Volume [Hands-On Demo]
- **Helm Chart Project**
 - Full-Stack Mega Project With Helm Charts [Hands-On Demo]
- **SSL Cert Project**
 - Multi-Tier CICD Project With SSL Certificate [Hands-On Demo]
- **GITOPS Project**
 - Multi-Tier Production Level GitOps Project [Hands-On Demo]
- **Blue-Green Deployment**
 - Blue-Green Deployment Project-1 [Hands-On Demo]
 - Blue-Green Deployment Project-2 [Hands-On Demo]
- **MicroServices Project**
 - 11- Microservice Project [Hands-On Demo]
- **Ingress + SSL Certificate Project**
 - Ingress SSL Integration [Hands-On Demo]
- **Detailed Documentation**
 - Notes & Documentation
 - 200 Interview Questions
 - 100 Errors, Cause, Solutions & RCA

Module 11: Azure DevOps



- **Azure DevOps Setup**
 - Azure organization setup
 - Exploring Core services (Repos, Pipelines, Artifacts, AKS, ACR)
- **Azure DevOps Hands-on Projects**
 - **Classic Pipeline**
 - Full Stack CICD with AKS [Classic Pipeline]
 - Full Stack CICD with AKS & ACR [Classic Pipeline]
 - 10-Microservice Deploy To AKS
 - NodeJS + MongoDB Project Deploy To Azure App Service [Classic Pipeline]
 - **YAML Pipeline**
 - Secret Santa CICD With AKS [YAML Pipeline]
 - Multi-Tier Project CICD With AKS [YAML Pipeline]
 - NodeJS + MongoDB Project Deploy To Azure App Service [YAML Pipeline]
 - **Multi Cluster Deployment**
- **Detailed Documentation**
 - Steps Document
 - 200 Interview Questions
 - 100 Errors, Cause, Solutions & RCA

Module 12: Infrastructure as Code (IaC)



- **Terraform**
 - Infrastructure as Code (IaC)
 - Benefits of using Terraform
 - Setting up Terraform
 - Writing & Understanding the Terraform files from Scratch
 - State Management, State locking, Terraform Backends
 - Terraform Modules
 - Conditional Expressions & Loops
 - Managing Secrets
 - Terraform Workspaces
 - Terraform With Jenkins
- **Terraform Hand-On Projects**
 - Infrastructure Deployment
 - EC2 Creation With Infra
 - Multi-Environment Infra Setup

Module 12: Infrastructure as Code (IaC)



- **Ansible**

- Ansible Introduction & Basics [Hands-On Demo]
- Ansible Playbooks Hands-On
- Ansible Collections [Hands-On Demo]
- Ansible Roles [Hands-On Demo]
- Ansible With Jenkins [Hands-On Demo]
- Ansible CI/CD Project [Hands-On Demo]
- Ansible Vault
- Ansible + Terraform Corporate Project

- **Detailed Documentation**

- Documentation
- 200 Interview Questions
- 100 Errors, Cause, Solutions & RCA

Module 13: Monitoring



- **Monitoring Tools**

- Prometheus, Grafana, Node Exporter, Black Box Exporter
- Understanding Monitoring Tools

- **Projects**

- Local Monitoring With Alert Manager [Receiving Mail Notifications]
- Monitoring Setup Using Docker
- Kubernetes node monitoring
- Application Deployed in K8 monitoring

- **Detailed Documentation**

- Steps Documentation
- 200 Interview Questions
- 100 Errors, Cause, Solutions & RCA