



# Adyapan School

## DevOps Engineering



Duration - 2 months

Industry  
Certification



Skill India Certified

250+  
Partner Companies

# From pipelines to production master DevOps

From automation to cloud-native systems - become industry-ready.

This immersive 8-week DevOps Engineering program takes you beyond theoretical concepts into real-world CI/CD design and cloud operations. Learn containerization, infrastructure as code, Kubernetes orchestration, and monitoring systems through hands-on projects and guided pipelines. With a strong focus on practical implementation and system-level thinking, you'll graduate with the ability to build automated pipelines, deploy scalable applications, manage cloud infrastructure, and deliver robust DevOps solutions for real-world engineering environments.

8

MODULES

30+

PROGRAM OFFERINGS

20,000+

STUDENTS

250+ PARTNERED COMPANIES



ABOUT ADYAPAN SCHOOLS

## Where education meets real-world impact

Not just a course — a platform to launch  
your career.

Adyapan Schools was built with a single conviction:  
learning works best when it happens in the real world.  
We partner with top companies, mentors, and industry  
platforms to ensure every student graduates with a  
portfolio of work that speaks louder than a certificate.

Our programs combine rigorous coursework with live  
client projects, giving you the skills and proof-of-work  
that employers actually want.

### MISSION

To equip ambitious learners with  
practitioner-level digital  
marketing skills through mentor-  
led, project-based education that  
bridges the gap between learning  
and earning.



### VISION

To be India's most trusted  
launchpad for the next generation  
of marketing leaders — defined  
not by degrees but by the real  
work.



## Everything you need to grow fast

### PROGRAM HIGHLIGHTS



#### Live Industry Projects

Work on campaigns for real brands alongside your coursework. Build portfolio projects that prove your expertise to employers.



#### 1-on-1 Mentorship

Dedicated mentors from Google, Microsoft, Mastercard and more. Get personalized guidance and industry connections.



#### AI-Powered Marketing

Learn cutting-edge AI tools alongside evergreen fundamentals. Stay ahead of the curve in a rapidly evolving landscape.



#### Dual Certification

Earn both a Course Completion and Internship Certificate – accredited by Skill India Digital Hub and NSDC.



#### Internship Guarantee

Graduate with an internship completion certificate from a live brand project. Concrete, resume-ready proof of work.



#### Industry Network

Join a network of alumni at Amazon, Google, Adobe, Microsoft. Access exclusive hiring events and referral opportunities.

## 8 weeks. 8 modules. Infinite impact.

### WEEK 1

#### Cloud Platforms

- Discussion of Curriculum
- Cloud Platforms - Overview of AWS, Azure, GCP
- Core Services - Launch EC2, S3, RDS
- Security & Networking - VPCs, IAM, subnets, groups
- Introduction to Serverless Functions and REST API



### WEEK 2

#### Version Control with Git & GitHub

- Version Control with Git & GitHub
- Git basics: init, commit, push, pull, branch
- GitHub integration
- Collaboration, merge conflicts, pull requests



### WEEK 3

#### Continuous Integration with Jenkins

- What is CI/CD?
- Jenkins installation and dashboard
- Job creation and running pipelines
- Integration with Git



## 8 weeks. 8 modules. Infinite impact.

### WEEK 4

#### Configuration Management with Docker

- Introduction to containerization
- Docker vs VMs
- Building and running Docker containers
- Dockerfiles and Docker Compose



### WEEK 5

#### Kubernetes Fundamentals

- What is Kubernetes (K8s)
- Pods, Deployments, Services
- kubectl basics
- Minikube setup (local testing)



### WEEK 6

#### Infrastructure as Code with Terraform

- IaC Concept
- Terraform Installation & workflow
- Creating and destroying infrastructure on AWS using Terraform



## 8 weeks. 8 modules. Infinite impact.

### WEEK 7

#### Monitoring and Logging

- What to monitor (logs, metrics, uptime)
- Tools: Prometheus, Grafana basics
- Centralized logging with ELK Stack (brief intro)



### WEEK 8

#### DevOps Final Project

- Security basics
- Final capstone project guidance
- Common DevOps interview questions
- Build an end-to-end DevOps pipeline using GitHub



WHO THIS IS FOR

## This course is perfect for

Engineering Students

DevOps Engineers

Cloud Administrators

Software Developers

Automation Specialists

Career Switchers

### CERTIFICATIONS



### ALUMNI NETWORK

## Our alumni work at world-class companies

Amazon

Adobe

Google

Autodesk

Microsoft

Dalme

## Your career switch is one click away.

Ready to begin? Apply at [adyapanschool.com](https://adyapanschool.com) or email us at [support@adyapan.com](mailto:support@adyapan.com)

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