



Academy

DevOps Engineering Curriculum

Become job-ready in 3-6
months — Learn. Build. Excel.

Scholarships available

Course Overview

The DevOps Engineering course teaches students how to bridge the gap between software development and IT operations by automating workflows, managing infrastructure, and deploying applications efficiently. You'll learn modern DevOps tools, cloud platforms, and CI/CD (Continuous Integration & Continuous Deployment) processes that power high-performing engineering teams worldwide.

This program is ideal for software developers, system administrators, or aspiring engineers looking to build a career in cloud and automation-driven operations.

Learning Model



Online Live Classes or Self Paced with Recording (You Choose)



Duration

4 months



Beginner to Intermediate



Accreditation

ACTD



Learning Outcome

By the end of this course, you will be able to:

1 Understand the DevOps lifecycle and how it integrates development, testing, and deployment.

2 Use tools like Git, Docker, Kubernetes, Github Actions, and Terraform to automate and manage infrastructure

3 Deploy and monitor applications on cloud platforms such as AWS, Azure, or Google Cloud.

4 Implement CI/CD pipelines and security best practices for scalable, production-ready systems.

Career Opportunities



United States

\$110,000 – \$160,000 USD



United Kingdom

£65,000 – £105,000 GBP



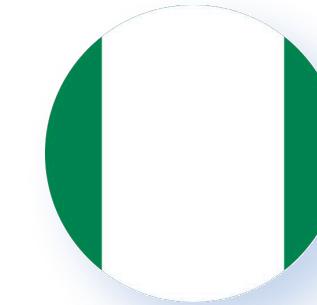
Canada

\$85,000 – \$130,000 CAD



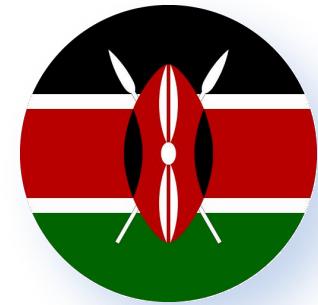
Germany

€70,000 – €110,000 EUR



Nigeria

₦7.5M – ₦13M NGN



Kenya

KSh 3.8M – KSh 6.5M



Remote/Global Roles

\$90,000 – \$140,000 USD

Modules

Module 1

DevOps Culture & Linux Basics

- Introduction to DevOps
- Linux Introduction & Setup

Module 2

Linux Command Line Mastery

- Essential Linux Commands & File Management
- Process Management & System Operations

Modules

Module 3

Linux Networking & Bash Scripting

- Linux Networking Fundamentals
- Introduction to Bash Scripting

Module 4

Bash Scripting & Git

- Bash Scripting
- Git & Version Control Fundamentals

Modules

Module 5

Docker Fundamentals

- Introduction to Docker & Containers
- Docker Images & Dockerfile
- Docker Networking, Volumes & Compose
- Assignment

Module 6

Cloud Computing with AWS

- Introduction to AWS & Cloud Computing
- AWS EC2 & Core Compute Services
- AWS Storage & Networking Services
- AWS IAM & Security Best Practices
- AWS Services Integration Project

Modules

Module 7

Terraform Fundamentals

- Introduction to Infrastructure as Code & Terraform
- Terraform Core Concepts - Resources & Variables

Module 8

Terraform & Real-World Scenarios

- Terraform Advanced Features
- Terraform Complete Infrastructure Project

Modules

Module 9

CI/CD with GitHub Actions

- Introduction to CI/CD & GitHub Actions
- Building Complete CI/CD Pipelines with GitHub Actions

Module 10

Advanced CI/CD & Deployment Strategies

- Advanced GitHub Actions & Deployment Patterns
- Infrastructure Deployment with GitHub Actions & Terraform

Modules

Module 11

Kubernetes Fundamentals & Deep Dive

- Introduction to Kubernetes
- Kubernetes Core Objects - Pods, Deployments & Services
- ConfigMaps, Secrets & Persistent Storage
- Kubernetes Networking & Ingress

Module 12

Kubernetes Production Readiness & Helm

- Kubernetes Best Practices & Production Readiness
- Helm - The Kubernetes Package Manager
- Advanced Helm & Kubernetes Deployment Strategies
- Kubernetes on AWS - EKS (Elastic Kubernetes Service)

Modules

Module 13

Monitoring & Logging

- Monitoring with Prometheus & Grafana
- Centralized Logging with ELK Stack

Module 14

CI/CD for Kubernetes & Final Project

- Complete CI/CD Pipeline for Kubernetes
- Final Project Kickoff & DevOps Best Practices
- Final Project Work Sessions
- Final Project Presentations & Graduation

Career Pathways



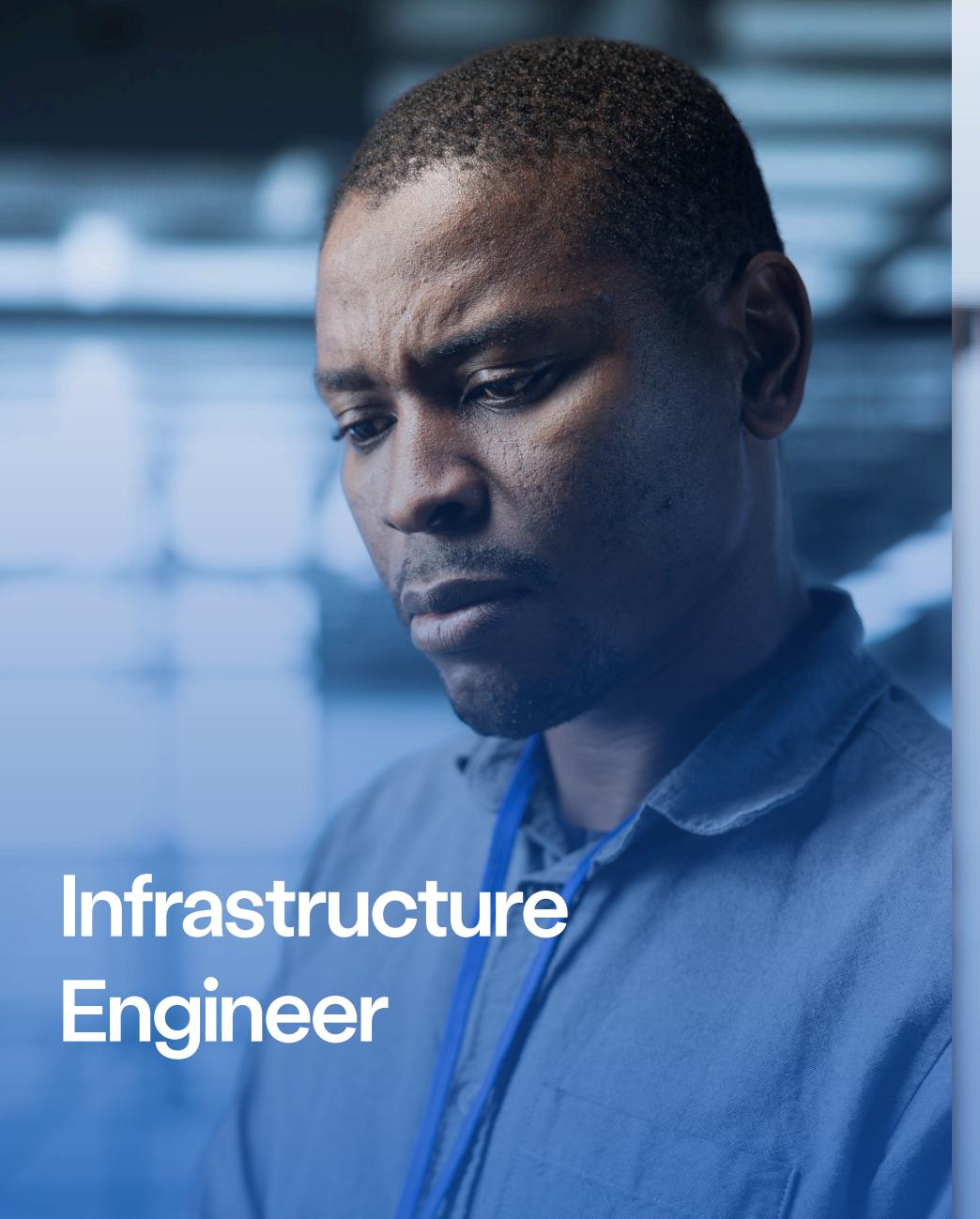
DevOps
Engineer



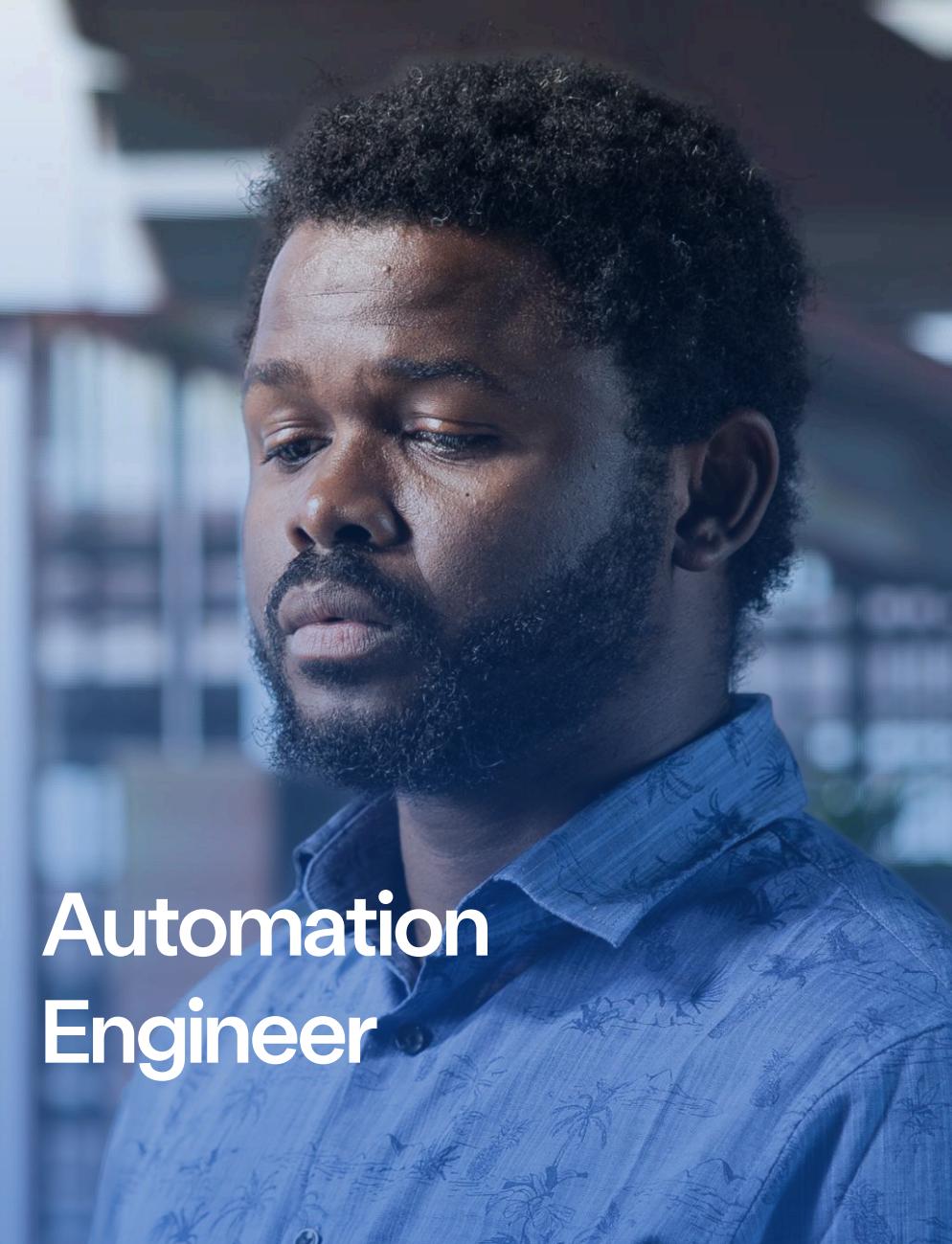
Cloud
Engineer



Site Reliability
Engineer (SRE)

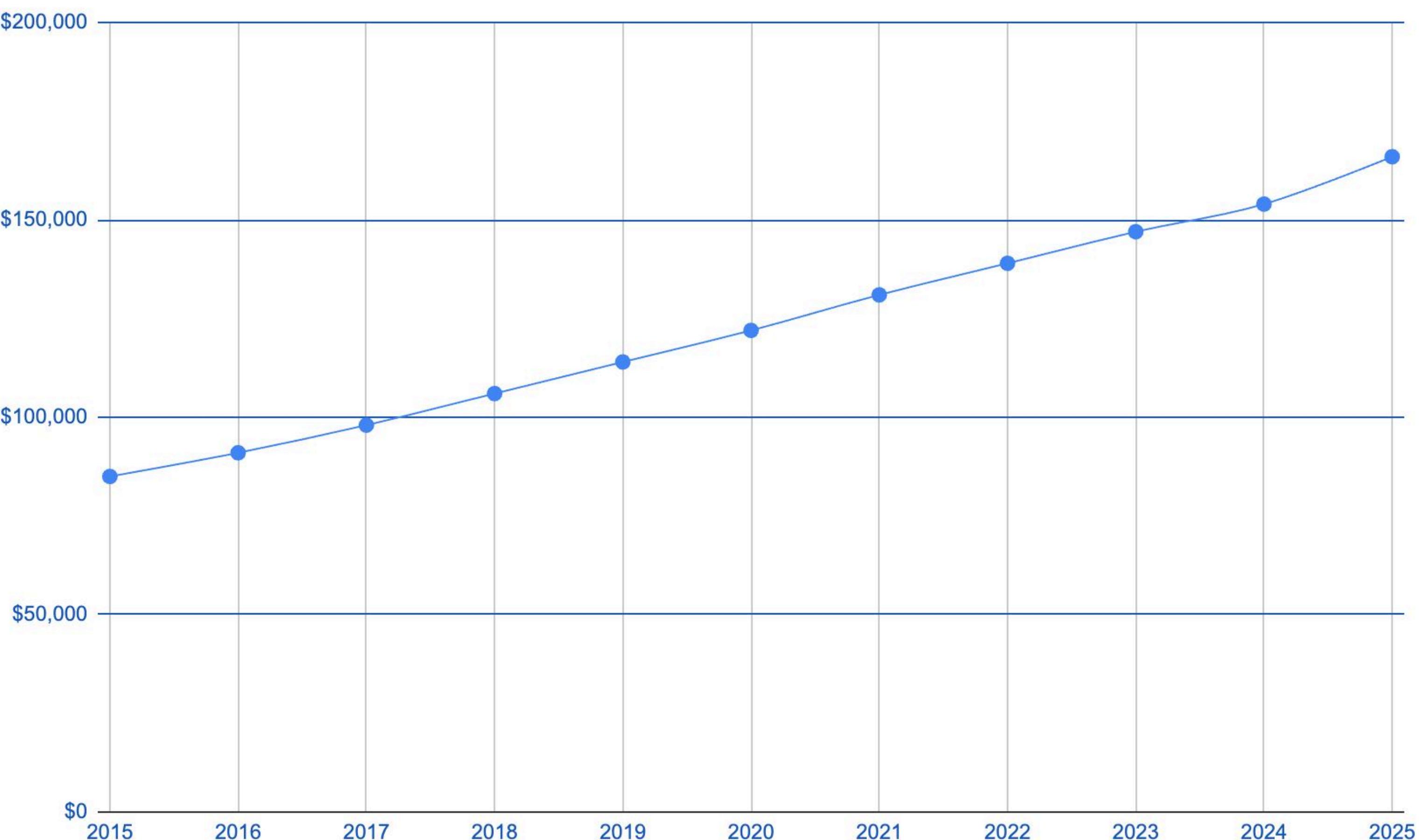


Infrastructure
Engineer



Automation
Engineer

10 Years Salary Trend



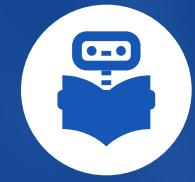
Why Choose TS Academy



Scholarships
Available



Beginner-Friendly
Curriculum



Live + Self-Paced
Learning Options



Hands-On
Practical Projects



Mentorship &
Accountability Support



Internship & Job
Placement Assistance



Get in Touch

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