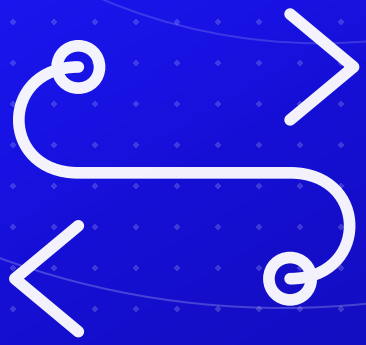
UrbanScholar

PROGRAM BROCHURE



CAREER TRACK · DEVOPS

DEVOPS

A pipeline-first DevOps track — Git, CI/CD, containers, and Kubernetes — for learners who want to automate real deployments, not just memorize tool names.

10–12	8	6	2
WEEKS	MODULES	CAPSTONES	PROGRAM TRACKS

TWO TRACKS · KICKSTART & CAREER

Program Overview

How this track builds real automation & deployment skills

Every module ends in a working pipeline. This track is sequenced around one goal: getting code from a commit to a running, monitored deployment automatically — so every tool you learn gets used in a real pipeline, not just installed.

Built-in mentorship. Each module closes with a mentor-reviewed checkpoint, so gaps get caught early instead of at the final capstone.

Career layer, not an afterthought. Resume positioning, interview readiness, and aptitude prep run alongside the technical modules — not bolted on in the last week.

Who This Is For

- Students & freshers targeting DevOps/SRE roles
- Developers & sysadmins moving into DevOps
- Anyone comfortable with basic Linux & Git

What You'll Walk Away With

- 6 automated pipeline/deployment projects for your portfolio
- Working fluency in Docker, Kubernetes & CI/CD tools
- A recruiter-ready resume built around real automation work

Program Snapshot

18+ Hrs Live Instructor-Led Sessions

6 Real-World DevOps Projects

8 Structured Learning Modules

Training + Internship Certificate

Mentor-Reviewed Project Checkpoints

Placement & Interview Support

Learning Path

8 modules, sequenced from foundations to deployment

1 · DevOps Foundations

- DevOps culture & the SDLC
- Agile basics that actually matter for DevOps
- A map of the modern DevOps toolchain

2 · Linux & Scripting

- Linux command line, for real work
- Shell scripting for automation
- File systems & process management

3 · Version Control

- Git fundamentals, done properly
- Branching strategies that scale
- GitHub/GitLab workflows & pull requests

4 · CI/CD Pipelines

- Jenkins, GitHub Actions & GitLab CI
- Build automation that's actually reliable
- Wiring automated tests into the pipeline

5 · Containerization

- Docker fundamentals
- Writing production-quality Dockerfiles
- Multi-container apps with Docker Compose

6 · Orchestration

- Kubernetes architecture, explained clearly
- Pods, deployments & services
- Scaling & Helm basics

7 · Infrastructure as Code

- Terraform fundamentals
- CloudFormation, briefly
- Configuration management with Ansible

8 · Monitoring & Logging

- Prometheus & Grafana in practice
- The ELK stack for log analysis
- Setting alerts that people actually act on

Tools and Softwares You Can Work With

Gi Git | Do Docker | Ku Kubernetes | JG Jenkins / GitHub Actions

Te Terraform | PG Prometheus / Grafana

Capstone Projects

Six builds that turn coursework into a portfolio — 1 of 2

1 · End-to-End CI/CD Pipeline

Automate build, test, and deploy for a sample application from commit to production.

SOFTWARE USED

GA GitHub Actions/Jenkins

Do Docker

- Trigger builds automatically on commit
- Run automated tests before deploy
- Deploy to a live environment on success

2 · Dockerized Microservices Deployment

Containerize a multi-service app and orchestrate it with Docker Compose.

SOFTWARE USED

Do Docker

DC Docker Compose

- Containerize each service independently
- Configure inter-service networking
- Manage environment configs cleanly

3 · Kubernetes Cluster Deployment

Deploy and scale an application on a Kubernetes cluster with load balancing.

SOFTWARE USED

Ku Kubernetes

- Write deployment & service manifests
- Configure horizontal pod autoscaling
- Roll out updates without downtime

Capstone Projects

Six builds that turn coursework into a portfolio — 2 of 2

4 · Infrastructure as Code Project

Provision cloud infrastructure entirely from Terraform code.

SOFTWARE USED

Te **Terraform** AC **a cloud provider**

- Define infrastructure declaratively
- Manage state safely across changes
- Version & review infra changes like code

5 · Automated Monitoring & Alerting Dashboard

Set up Prometheus/Grafana monitoring with meaningful alerts for an application.

SOFTWARE USED

Pr **Prometheus** Gr **Grafana**

- Instrument an app for metrics collection
- Build a live Grafana dashboard
- Configure alerts that avoid noise

6 · Blue-Green / Canary Deployment Simulation

Implement a zero-downtime deployment strategy for a sample application.

SOFTWARE USED

KC **Kubernetes/CI-CD tooling**

- Set up two parallel environments
- Route traffic gradually to the new version
- Roll back automatically on failure

A Day in the Role

What a DevOps Engineer's Day Actually Looks Like

- Debug a failing CI/CD pipeline
- Provision infrastructure via code
- Containerize & deploy new services
- Monitor system health & respond to alerts
- Automate away repetitive manual work
- Collaborate with dev teams on release readiness

> **The throughline:** every capstone in this brochure is a smaller version of one of these responsibilities — so the portfolio you leave with maps directly to the job you're training for.

Career Outlook

Where a DevOps skill-set actually leads

DevOps sits at the center of how modern software actually ships — nearly every engineering org, from startups to enterprises, is hiring for it right now.

Role	What They Do	Salary Range (Fresher / Experienced)
DevOps Engineer	Builds & maintains CI/CD pipelines & infrastructure	₹5–9 LPA / ₹12–24 LPA
Site Reliability Engineer	Keeps production systems reliable at scale	₹7–11 LPA / ₹16–28 LPA
Cloud/Platform Engineer	Builds the platform other engineers deploy on	₹7–11 LPA / ₹15–26 LPA
Release Engineer	Owns build, release & deployment processes	₹5–8 LPA / ₹12–20 LPA
Infrastructure Engineer	Designs & automates infrastructure as code	₹6–10 LPA / ₹14–24 LPA
DevSecOps Engineer	Embeds security into the CI/CD pipeline	₹8–12 LPA / ₹16–28 LPA

Indicative ranges from general India market trends — validate against current job-board data before publishing.

Companies Actively Hiring in This Space

Am Amazon · Mi Microsoft · At Atlassian · TCS TCS · In Infosys · Co Cognizant

Representative employers in this space — not confirmed UrbanScholar hiring partners.

Program Tracks

Two tracks, same curriculum depth — the difference is placement intensity

KICKSTART

- 14+ hrs live cohort + recorded lectures
- 2 guided projects
- 6 months LMS access
- QR-verified completion certificate
- Mentor support — SLA ≤ 48 hrs
- Resume building workshop
- Mock aptitude test
- Pre-placement orientation session

CAREER

- 20+ hrs live cohort + recorded lectures
- 2 projects + capstone (Minor + Major)
- 6 months LMS access, extendable till placed
- QR-verified + Industry-Readiness certification
- Priority mentor support — SLA ≤ 24 hrs
- Resume + LinkedIn profile building
- 1-on-1 mock interviews with feedback
- Active placement & referral assistance

Common to Both Tracks

All 8 Curriculum Modules

All 6 Capstone Projects

Mentor-Reviewed Checkpoints

Training + Internship Certificate

Where UrbanScholar DevOps Learners Can Head

Product & Tech Companies

Cloud-Native Startups

IT Services & Consulting

Fintech Engineering Teams

Freelance / Independent Consulting

Placement Journey

How career support is woven through the program, not tacked on at the end

1

Build Foundation

Resume & LinkedIn built around real project outcomes, not generic templates.

2

Sharpen Aptitude

Structured aptitude & reasoning practice aligned to actual hiring-test formats.

3

Practice Interviews

Mock interviews with direct, specific feedback — not just a pass/fail score.

4

Get Placement Ready

Soft-skill coaching and, on the Career track, active referral support.

Why this order matters: most programs bolt placement prep onto the last week. Here it runs in parallel with the technical modules, so by the time your capstones are done, your resume and interview readiness are already in place — not started from scratch.

Quick Questions

Do I need prior background to start?

Some familiarity helps, but the early modules — starting with DevOps Foundations — rebuild the fundamentals from the ground up.

What happens if I fall behind a session?

Every live session is recorded, and mentor SLA windows exist specifically to help you catch up between checkpoints.

Can I switch tracks mid-program?

Yes — Kickstart learners can upgrade to Career at any point by paying the difference, carrying forward completed modules.

Is the certificate recognized by employers?

It's a QR-verified training + internship certificate — employers can verify authenticity directly, not just take it on faith.

UrbanScholar

Industry-Trained. Project-Proven. Career-Ready.

Get In Touch

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PROGRAM

DevOps — Kickstart & Career Tracks