
15-DAY CLOUD DEVOPS BOOTCAMP

Ship production *like a senior.*

A focused, build-first program that turns engineers into **production-grade DevOps practitioners** in 15 days. No theory dumps. Every day you ship something real on AWS — backed by CloudSpikes' multi-cloud expertise across AWS, GCP, and Azure.

15.

DAYS

1.5h

PER DAY, LIVE

4×

PROJECTS BUILT

100%

HANDS-ON AWS



CLOUDSPIKES.CA

§ 01 / THE PROMISE

Walk in curious. Walk out with a *production-ready* portfolio.

Most DevOps courses drown you in slides. This one doesn't. By Day 15 you'll have a live AWS application, a working CI/CD pipeline, a Kubernetes deployment, and a monitoring dashboard — all built with your own hands, on your own AWS account, end-to-end.

BUILT FOR

Developers moving into DevOps, sysadmins levelling up to cloud, and engineers who want a real, demoable project for interviews — not just certificates.

NOT FOR

Passive learners. If you want to watch videos and feel productive, this isn't it. Every session ends with code pushed and a deployment passing.

What you *take home*

04 / Deliverables

01

Live AWS app

Deployed, accessible, owned by you

02

CI/CD pipeline

GitHub Actions → AWS, push to deploy

03

K8s deployment

Pods, scaling, rolling updates, Helm

04

Monitoring stack

Prometheus + Grafana dashboards

§ 02 / THE STACK

The exact toolchain *real teams* ship with.

No toy stacks. No outdated tooling. You'll work with the same instruments senior DevOps engineers use in production at SaaS companies, banks, and high-scale platforms — taught the way they're actually used.

BUILD & SHIP

Git & GitHub	PR-based workflow
Docker	Containers, images, logs
Docker Compose	Multi-service apps
GitHub Actions	CI/CD pipelines
AWS EC2	Compute, SSH, deploy
Linux	SSH, permissions, debugging

RUN & OPERATE

Kubernetes	Pods, deployments, scaling
Helm	Production-grade packaging
Terraform	Infrastructure as Code
Prometheus	Metrics & alerting
Grafana	Dashboards & visualisation
Image scanning	Secrets & supply-chain

THE DIFFERENTIATOR

We *break things on purpose*. Then teach you to fix them.

Every day, the trainer simulates a real production incident — a broken SSH key, a crashed pod, a failed pipeline, a dying database. You don't just learn the happy path. You debug under pressure, the way real on-call engineers do. By Day 15, "something's down" stops being scary and starts being routine.

§ 03 / THE CURRICULUM

Fifteen days, *three phases*, one shipped product.

I. Foundations & *Containers*

DAYS 01 – 04 • GIT WORKFLOW • LINUX • DOCKER

DAY 01 DevOps & Git Workflow

The Dev/Ops gap. Branching, pull requests, merges — the way real teams ship code.

DAY 02 Linux & EC2 Setup

Launch your first EC2. SSH, file permissions, recover from a broken connection — live.

DAY 03 Docker Basics

Build, run, debug a container. Container vs VM. Reading logs when things break.

DAY 04 Docker Compose

App + database, multi-service architecture. Watch what happens when the DB dies.

II. Pipelines & *Orchestration*

DAYS 05 – 09 • CI/CD • KUBERNETES • HELM

DAY 05 CI with GitHub Actions

Every push runs tests and builds a Docker image. Your first real pipeline.

DAY 06 CD to EC2

Auto-deploy: push to main, image lands on EC2, container restarts. Hands-off shipping.

DAY 07 Kubernetes (k3s on EC2)

Pods, deployments, kubectl. A lightweight K8s cluster you control end-to-end.

DAY 08 K8s Scaling & Rolling Updates

Replicas, scale up and down, ship a new version with zero downtime.

DAY 09 Helm — Industry Deploys

Why every serious team uses Helm. Create a chart, install it, version it.

§ 03 / THE CURRICULUM (CONT.)

From pipeline to *production-grade*.

The final phase is what separates engineers who can build from engineers who can run things. Infrastructure as code. Observability. Security. And a final integration where every tool you've learned snaps together into one shipped product.

III. Production-Grade *Operations*

DAYS 10 – 15 • IAC • OBSERVABILITY • SECURITY • FINAL DEMO

DAY 10 Terraform & IaC

Spin up infrastructure with code. Apply, destroy, repeat — reproducibly.

DAY 11 Monitoring

Install Prometheus + Grafana. Wire up metrics. See your app's heartbeat.

DAY 12 Logging & Debugging

Collect logs centrally. Diagnose a real crash from log evidence alone.

DAY 13 Security Essentials

Environment secrets done right. Scan Docker images for vulnerabilities.

DAY 14 Final Integration

CI/CD + K8s + Monitoring, wired together into one cohesive production system.

DAY 15 Demo & Mock Interview

Walk through your architecture. Defend it. The questions are the ones you'll get hired on.

§ 04 / HOW A DAY RUNS

Ninety *focused* minutes. Every day. No fluff.

DAILY STRUCTURE / 1.5 HRS

0:00 – 0:30	Concept & architecture walkthrough
0:30 – 1:15	Hands-on build (you, building it)
1:15 – 1:30	Break
1:30 – 2:00	Debug, Q&A, daily assignment

EVERY DAY, YOU SHIP

- ✓ Code pushed to GitHub
- ✓ Pipeline passing green
- ✓ App deployed & reachable
- ✓ One incident debugged live

NEXT COHORT / LIMITED SEATS

Ready to build something *real*?

Tell us a bit about where you are and what you're aiming for. We'll come back with cohort dates, pricing, and whether this bootcamp is the right fit for you.

ENQUIRE BY EMAIL

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VISIT

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