

# RAJ PATIL

DevOps Engineer — OCI Certified Professional

Pune, India · rpdinkar92260@gmail.com

linkedin.com/in/raj-patil · github.com/Raj-glitch-max

## SUMMARY

Final-year Engineering student and **Certified DevOps Professional** with hands-on expertise in cloud infrastructure automation, CI/CD pipelines, and container orchestration. Proficient in **Docker**, **Kubernetes**, **AWS**, and **OCI**, with a strong foundation in Linux administration and Infrastructure as Code (IaC). Demonstrated ability to design scalable, serverless architectures and implement production-ready deployment workflows. Eager to leverage skills in automation and reliability engineering for a challenging DevOps role.

## EDUCATION

<b>MIT ADT University</b>	Pune, India
<i>B.Tech in Electronics and Computer Engineering (CGPA: 7.56)</i>	Aug 2022 – May 2026
<b>Azam Campus</b>	Pune, India
<i>HSC (12th Science) – 74.5%</i>	2022
<b>Tapti Public School</b>	Bhusawal, India
<i>CBSE (10th) – 79%</i>	2020

## CERTIFICATIONS

- **Oracle Cloud Infrastructure (OCI) DevOps Professional** – Oracle

## TECHNICAL SKILLS

**Cloud Platforms:** AWS (EC2, S3, Lambda, VPC, IAM, EKS, CloudWatch), Oracle Cloud (OCI)

**Containerization:** Docker, Docker Compose, Kubernetes (EKS), Helm Charts

**CI/CD & DevOps:** GitHub Actions, Jenkins, Git, CI/CD Pipeline Automation

**Infrastructure as Code:** Terraform (Foundational), CloudFormation, YAML

**Scripting & OS:** Linux Administration (Shell/Bash), Python Scripting

**Databases & Monitoring:** DynamoDB, PostgreSQL, Redis, AWS CloudWatch

## PROJECTS

- 1. Serverless URL Shortener (Event-Driven Architecture)** *Tech: AWS Lambda, API Gateway, DynamoDB*
  - Architected a highly available **serverless application** using AWS Lambda (Python) and API Gateway to route requests with zero server management overhead.
  - Engineered secure data persistence using **DynamoDB** with IAM role-based access control and TTL (Time-to-Live) policies for automatic data expiry.
  - Integrated **AWS CloudWatch** for real-time observability, enabling detailed tracking of invocation metrics, latency, and error logs.
- 2. Automated CI/CD Pipeline for Kubernetes** *Tech: Docker, AWS ECR, EKS, Helm, GitHub Actions*
  - Developed a robust **CI/CD pipeline** using GitHub Actions to automate the build-test-deploy lifecycle, pushing Docker images to AWS ECR.
  - Orchestrated container deployments on an **AWS EKS cluster** using Helm charts, ensuring version-controlled and repeatable application releases.
  - Implemented automated triggers on code commits to streamline delivery, significantly reducing manual deployment errors and time-to-production.

## ADDITIONAL INFORMATION

- **Soft Skills:** Adaptability, Rapid Technical Learning, Cross-functional Collaboration.
- **Hobbies:** Music Production, Strength Training & Fitness.
- **Languages:** English (Professional Proficiency), Hindi (Native).