

RAJ PATIL

DevOps Engineer — OCI Certified Professional

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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

MIT ADT University

B.Tech in Electronics and Computer Engineering (CGPA: 7.56)

Pune, India

Aug 2022 – May 2026

Azam Campus

HSC (12th Science) – 74.5%

Pune, India

2022

Tapti Public School

CBSE (10th) – 79%

Bhusawal, India

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).