

RAJ PATIL

Pune, Maharashtra, India

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SUMMARY

Engineering student with hands-on experience in cloud infrastructure, DevOps practices, and CI/CD automation. Proficient in Docker, Kubernetes, AWS services, and containerized deployments. Strong foundation in Linux, Git, and infrastructure-as-code principles with proven ability to design scalable systems and implement production-ready solutions.

EDUCATION

MIT ADT University

B.Tech in Electronics and Computer Engineering — CGPA: 7.56/10

Pune, India

Aug 2022 – May 2026

Azam Campus

HSC (12th) — Percentage: 74.5%

Pune, India

2022

Tapti Public School

CBSE (10th) — Percentage: 79%

Bhusawal, India

2020

PROJECTS

1. AWS Serverless URL Shortener

Tech: AWS Lambda, API Gateway, DynamoDB, CloudWatch, IAM

- Built serverless URL shortener using Lambda functions and API Gateway for request routing without server management
- Implemented secure IAM-based access control to store original and shortened URLs in DynamoDB with expiration policies
- Configured CloudWatch for real-time monitoring of function execution metrics, invocation logs, and error tracking
- Gained practical experience with event-driven architecture, serverless design patterns, and AWS API-based workflows

2. CI/CD Pipeline with Docker, ECR, EKS, and Helm

Tech: Docker, AWS ECR, Kubernetes (EKS), Helm, GitHub Actions

- Designed automated CI/CD pipeline using GitHub Actions to build Docker images and push to AWS ECR
- Deployed applications to EKS cluster using Helm charts in versioned, repeatable manner
- Implemented workflow triggers on code push enabling automated build, test, and deployment processes
- Learned end-to-end automated delivery, containerization, and foundational Kubernetes deployment techniques

TECHNICAL SKILLS

Cloud & Infrastructure: AWS (EC2, S3, Lambda, IAM, VPC, CloudWatch, ECR, EKS), Linux System Administration

DevOps & CI/CD: Docker, Kubernetes, Helm, GitHub Actions, Jenkins, CI/CD pipelines

Databases & Tools: PostgreSQL, DynamoDB, Redis (basic exposure)

Programming & Scripting: Bash, Shell Scripting, Python (basic)

Version Control: Git, GitHub, branching strategies

Infrastructure as Code: YAML, basic Terraform, Docker Compose

Networking & Security: IAM roles, VPC configuration, basic networking concepts

ADDITIONAL INFORMATION

Interests: Cloud infrastructure, DevOps automation

Hobbies: Musician, Fitness Training

Soft Skills: Adaptability, quick learner, team collaboration

Languages: English (Fluent), Hindi (Native)