

ROCHIT JAIN

Aspiring DevOps Engineer

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SUMMARY

I am a DevOps enthusiast currently learning and practicing tools like Docker, CI/CD, and AWS. I have deployed Flask applications and explored automation, infrastructure as code, and scalable deployments to build a strong foundation in DevOps.

EDUCATION

Bachelor of Technology, Electronics & Communication Engineering

2022 – 2026

Malaviya National Institute of Technology, Jaipur

SKILLS

- **Programming:** Python, C++
- **DevOps Tools:** Docker, Jenkins, Ansible, Kubernetes
- **Cloud:** AWS EC2, S3 (basic), Terraform (beginner)
- **AI/ML:** OpenAI API, LangChain, HuggingFace
- **Other Tools:** Postman, VS Code, Linux,
- **Monitoring & Logging:** Prometheus, Grafana

PROJECTS

Flask Deployment Pipeline

Feb 2025

Implemented a complete CI/CD pipeline using Flask, Docker, Jenkins, and RHEL VM. Automated build, test, and deployment processes within Docker containers.

Tech Stack: Flask, Docker, Jenkins, RHEL VM, CI/CD

DevOps Microservices Project

June 2025

Built a modular microservices architecture using Flask, PostgreSQL, Redis, and Docker Compose. Designed with retry logic, caching, error handling, and container orchestration to ensure high availability and fault tolerance.

Tech Stack: Flask, PostgreSQL, Redis, Docker Compose, Microservices

Kubernetes Cluster Management with EKS

July 2025 – Present

Currently deploying and managing containerized applications on AWS using Kubernetes and EKS. Creating and configuring EKS clusters with eksctl, setting up worker nodes, and deploying applications with kubectl. Actively implementing load balancing, autoscaling, and rolling updates to build a production-ready infrastructure. *Tech Stack: Kubernetes, AWS EKS, eksctl, kubectl, Docker, Cloud Networking*

POSITION OF RESPONSIBILITY

• Marketing Head, Blitzschlag'25 (MNIT Jaipur)

October 2024 – March 2025

Handled sponsorship and outreach with 50+ executives; collaborated with national-level brands.

• Executive, Blitzschlag'24 (MNIT Jaipur)

Feb 2024

Publicity and Marketing Outreach: Visited 20+ colleges for promotions, drove brand sponsorship acquisitions, and secured high participation to increase the reach and success of the festival.

ACHIEVEMENTS & CERTIFICATES

- 98.7 percentile in JEE Mains 2022
- Coursera: Microeconomics (Rice University)
- Coursera: English Prep (Rice University)