ROCHIT JAIN
Aspiring DevOps Engineer

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SUMMARY

Highly motivated DevOps enthusiast with hands-on experience in deploying full-stack and machine learning applications. Proficient in Docker, CI/CD pipelines, cloud infrastructure AWS, and version control systems. Skilled in building scalable and automated deployment workflows, infrastructure as code, and back-end systems to ensure reliable and efficient software delivery.

EDUCATION

Bachelor of Technology, Electronics & Communication Engineering   2022 – 2026
Malaviya National Institute of Technology, Jaipur

SKILLS

- **Programming:** Python, C++
- **DevOps Tools:** Docker, Jenkins,Ansible, CI/CD Pipeline, Kubernetes, OpenShift,
- **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)