

ROCHIT JAIN

Aspiring DevOps Engineer and Business Analyst

Phone: +91 8529596364

LinkedIn: linkedin.com/in/rochit-jain-b90408248

Portfolio: rochitportfolio.netlify.app

Email: rochitsethiya@gmail.com

GitHub: github.com/Rochitjain73

SUMMARY

Highly motivated DevOps and Business Analysis enthusiast with hands-on experience in deploying full stack and ML applications. Skilled in SQL, Docker, CI/CD pipelines, cloud infrastructure, and prompt engineering. Building scalable projects that combine automation, back-end systems, and data-driven decisions.

EDUCATION

Bachelor of Technology, Electronics & Communication Engineering

2022 – 2026

Malaviya National Institute of Technology, Jaipur

SKILLS

- **Programming:** Python, C++
- **DevOps Tools:** Docker, Jenkins, GitHub Actions, Ansible, CI/CD Pipeline
- **Cloud:** AWS EC2, S3 (basic), Terraform (beginner)
- **AI/ML:** OpenAI API, LangChain, HuggingFace
- **Other Tools:** Postman, VS Code, PowerPoint
- **Data Tools:** SQL (Advanced), Excel, Python (Pandas, NumPy, Matplotlib), Jupyter Notebooks

PROJECTS

Flask Deployment Pipeline

Feb 2025

Implemented a complete CI/CD pipeline for AI applications 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

March 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

Deployed and managed containerized applications on AWS using Kubernetes and EKS. Created EKS clusters using eksctl, configured worker nodes, and deployed applications using kubectl. Implemented load balancing, autoscaling, and rolling updates for production-ready infrastructure.

Tech Stack: Kubernetes, AWS EKS, eksctl, kubectl, Docker, Cloud Networking

Netflix Data Analysis Project

Nov 2024

Analyzed and visualized Netflix's content dataset using advanced SQL queries and Power BI dashboards. Generated insights on genre popularity, content trends over time, and regional distribution.

Tech Stack: MySQL, Power BI, Excel

Skills Applied: Data Cleaning, Query Optimization, Data Visualization, Trend Analysis

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)