Rohit Bhardwaj

+91 7836058218 | rohitbhardwaj121001@gmail.com | portfolio | github | linkedin profile

PROFILE SUMMARY

Aspiring DevOps & Cloud Engineer (BCA Student, graduating June 2026) with strong hands-on project experience in Linux, Docker, Jenkins, Kubernetes, and AWS. Skilled in building CI/CD pipelines, containerizing applications, and deploying cloud-native workloads through practical DevOps projects.

EDUCATION

Dav Centenary College *Faridabad*
Bachelor of Computer Applications *2023* – 2026

SKILLS

Technical skills:

Devops-Tools : Linux , Docker , Jenkins , Git , Kubernetes , Github , Terraform , Prometheus , Grafana , Argocd

Cloud : Aws (ec2 , vpc , s3 , cloudFront , iam , routes53 , EKS , ECR , ECS , EBS , Cloud-Watch , Cloud-Trail)

DevSecops : Owasp , Sonarcube , Trivy

Languages : Javascript , C , C++ , Shell-Scripting

Frontend : Html , Css , Reactjs , Redux , Scss , TailwindCss , BootStrap

Backend: Nodejs , Expressjs , Socket.io

Database: Mongodb , imagekit , Vector-DB (pinecone)

Others : Networking , Problem-Solving

CERTIFICATIONS

- Successfully completed AI-Powered Full Stack Web Development Cohort at Sheryians Coding School link
- Earned certification in Linux System Administration from The Digital Adda link

ACHIEVEMENTS

- Secured Top 10 position in Azure Developer Community Quiz Competition held at Microsoft Office Gurgaon link
- Completed a hands-on GitHub for DevOps workshop, strengthening version control and collaboration practices link

PROJECTS

End-to-End CI/CD Pipeline – Devops link

Developed a complete DevOps lifecycle project implementing CI/CD, GitOps, DevSecOps, Kubernetes orchestration, and AWS cloud infrastructure.

Purpose: To design and deploy a production-ready cloud-native application using modern DevOps practices including automation, security scanning, and monitoring.

- **Application Stack:** React (Frontend), Node.js (Backend), MongoDB (Database)

- **Infrastructure as Code:** Provisioned AWS resources (IAM, EC2, Security Groups, Key Pairs, EKS) using Terraform
- **Containerization:** Dockerized frontend and backend services and pushed images to container registry
- **CI Pipeline:** Implemented Jenkins pipeline with integrated Trivy, OWASP Dependency Check, and SonarQube for security and code quality scanning
- **DevSecOps:** Added vulnerability scanning and static code analysis before deployment
- **Kubernetes:** Deployed application on AWS EKS with multi-node cluster setup
- **GitOps:** Used ArgoCD for automated continuous deployment from GitHub repository
- **Helm:** Managed Kubernetes manifests using Helm charts
- **Monitoring & Observability:** Implemented Prometheus and Grafana for cluster and application monitoring
- **Version Control:** GitHub used for source code management and GitOps workflow

BrainStack Chat – Backend link

Developed an AI-powered chat backend implementing GPT-style memory

Purpose: To understand how GPT-like models store and retrieve data using short-term and long-term memory

- **Short-Term Memory:** Recent messages stored in MongoDB for immediate context
- **Long-Term Memory:** Pinecone Vector DB used for semantic search & RAG-based AI responses
- **Real-Time Chat:** Socket.io for live messaging with context-aware AI replies
- **Secure Access:** JWT-based authentication; only logged-in users can interact