

VISHAL SHARMA

+91 XXXXXXXXXX • vvishalsharma0609@gmail.com • LinkedIn • GitHub

EDUCATION

Bachelor of Computer Applications (BCA)	Graduated July 2024
Makhanlal Chaturvedi National University of Journalism and Communication, Bhopal Graffix College, Guna	7.5 CGPA
Relevant coursework: Operating System, Computer Networks, Cloud Fundamentals	

TECHNICAL SKILLS

Containerization & Orchestration: Docker, Kubernetes, Helm
CI/CD & Automation: Jenkins, Gitlab CI/CD, GitHub Actions (familiar)
Cloud Platforms: Amazon Web Services (AWS), Microsoft Azure
Monitoring & Observability: Prometheus (Familiar)
Version Control & Collaboration: Git, GitHub, GitLab, Jira
Operating Systems & Scripting: Linux (Ubuntu, Arch), Shell Scripting, Python, Go (Familiar)

PROFESSIONAL EXPERIENCE

Sharma & Company, Burhanpur, MP: System Admin Intern	Jan 2025 - June 2025
<ul style="list-style-type: none">Troubleshooting of all desktop and technical issues.Responsible for managing LAN and devices like local and network printers.Handling all critical issues related to the network, system, and software.Reduced system downtime by 50% through streamlined troubleshooting workflows and faster issue resolution.	

TECHNICAL PROJECTS

Containerized Deployment Project – Online Shop (Docker + AWS EC2)

Deployed a cloud-hosted application using Docker reducing image size and improving deployment speed.

- Successfully deployed the Online Shopping Portal on the internet using DevOps automation tools.
- Improved deployment speed by 50% and reduced Docker image size by 1GB using multi-stage builds.
- Ensured security and efficiency by implementing Docker Scout for vulnerability analysis.
- Automated the setup process with Docker Installation Scripts and Docker Compose for easy deployment.
- Deployed the application on Amazon EC2, making it accessible and scalable for real users.

Containerized Web Application Deployment on Azure

Implemented a CI/CD pipeline and deployed a containerized web application on Azure.

- Orchestrated the end-to-end deployment of a containerized three-tier application (Java backend, JavaScript frontend, MySQL database) on Microsoft Azure using Docker Compose and Jenkins CI/CD.
- Designed and implemented a zero-touch Jenkins CI/CD pipeline to automate build, scan, push, deploy for frontend and backend services, reduced manual release steps from 6 to 1.
- Implemented automated rollback to the last stable image on deployment failure, ensuring safe recoveries and minimizing production impact.

CERTIFICATES

CISCO CERTIFIED NETWORK ASSOCIATE	March 2024 – March 2027
Issuing Authority: Cisco Systems	
TCS NPT IT – Network Engineer	Nov 2024 – Nov 2026
Issuing Authority: Tata Consultancy Services	