

# Ali Murtaza

DevOps Engineer | Cloud & Automation

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## PROFESSIONAL SUMMARY

Motivated and hands-on DevOps Engineer with practical experience in cloud infrastructure, CI/CD automation, containerization, and Linux administration. Strong exposure to AWS services, Docker-based deployments, and GitHub Actions-driven pipelines through real-world internship projects. Adept at building reliable deployment workflows, monitoring Linux systems, and supporting scalable application environments. Seeking a DevOps / Cloud Engineer role where I can contribute immediately while continuing to deepen my expertise.

## TECHNICAL SKILLS

- **Cloud & Infrastructure:**  
AWS fundamentals  
(EC2, IAM, S3, VPC, ELB)
- **DevOps & CI/CD:**  
GitHub Actions, CI/CD pipeline design, basic Jenkins exposure
- **Containerization:**  
Docker, Docker Compose, container fundamentals
- **Orchestration:**  
Kubernetes (Minikube)
- **Version Control:**  
Git, GitHub Actions
- **Operating Systems:**  
Linux (Ubuntu) administration
- **Scripting:**  
Bash (system automation & monitoring scripts)
- **Infrastructure as Code (IaC):**  
Terraform (Hands on)
- **Development Tools:**  
AI-Assisted Development (Amazon Q)

## EDUCATION

- **Bachelor of Technology (B.Tech)** – Computer Science & Engineering Rameshwaram Institute of Technology & Management (2025)  
**Division:** First
- **Intermediate (12th)** – Mahima Inter College (2018)  
**Division:** First
- **High School (10th)** – Ejaz Hussain Inter College (2015)  
**Division:** First

## CORE COMPETENCIES

- Quick learner with strong adaptability in dynamic environments
- Analytical problem-solving and attention to detail
- Effective team collaboration and communication
- Time management and task prioritization

## PROFESSIONAL EXPERIENCE

### DevOps/ IT Intern

Spenmo Technologies Private Limited - Bangalore / Remote

Apr 2022 - Sep 2022

- Configured and managed AWS IAM roles and policies following least-privilege security principles.
- Containerized Java-based web application using Docker to standardize build and runtime environments
- Designed and implemented CI/CD pipeline using GitHub Actions for automated build and deployment
- Collaborated with engineering teams to understand deployment workflows and operational best practices
- Key Achievement: Delivered end-to-end Docker-based deployment pipeline enabling consistent and repeatable application deployments

## PROJECTS

### Full-Stack Blog Web App: Kubernetes Minikube Migration (Zerofourr)

- Migrated 3-tier app (React + Node + Nginx + MongoDB Atlas) from EC2 Docker to Kubernetes
- Debugged ImagePullBackOff, CrashLoopBackOff, Nginx upstream issues in production simulation
- Multi-replica Deployments (2 Backend + 3 Frontend pods) with NodePort services
- Kubectl debugging, K8s manifests, service discovery, env injection.
- Added auto scaling with HPA(Horizontal Pod Autoscale)

### AI-Powered Development: E-Commerce Platform (Royal Digital Mart)

- Built full-stack e-commerce platform using AI-assisted workflow with Amazon Q Developer as product architect and DevOps engineer
- Generated Next.js frontend, Node.js backend APIs, and MongoDB schemas through structured AI prompts
- Achieved 70% AI-generated code while maintaining production-grade quality through code review and architectural oversight
- Engineered complete DevOps ecosystem using Docker multi-stage builds, GitHub Actions CI/CD, and AWS infrastructure
- Configured Nginx reverse proxy with SSL termination and integrated MongoDB Atlas and AWS S3
- Migrated from PM2 to containerized deployment with improved monitoring, performance, and security.
- Reduced development time by 85% (from 4 months to 2 weeks) using AI-driven development approach

## CERTIFICATION & INTERNSHIP VALIDATION

- **Intern - DevOps**, Spenmo Technologies Private Limited Duration: 25-Apr-2022 to 15-Sep-2022 Performance: Satisfactory (Certificate Issued)