

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 (EC2, IAM, S3, Route 53)

Cloud Fundamentals

- 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)

- Monitoring & Troubleshooting:**

System metrics analysis, log inspection, performance monitoring

- 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)