

# MOBASHSHIR ALAM

+91-9065537902 | [alammobashshir.amu@gmail.com](mailto:alammobashshir.amu@gmail.com) | [www.linkedin.com/in/alam-mobashshir](http://www.linkedin.com/in/alam-mobashshir)

## PROFILE SUMMARY

Dedicated and skilled DevOps Cloud Engineer with a strong background in cloud infrastructure management, CI/CD pipelines, and system monitoring. Proven ability to troubleshoot and resolve complex technical issues, ensuring seamless operations and optimal performance. Eager to join your team.

## EXPERIENCE

### MergeRequest.IO

May-2024 – Present

#### AWS DevOps Associate (International Freelance Contract)

- Integrated **Azure Active Directory (AD)** to secure access with **Multi-Factor Authentication (MFA)** and **Mobile Device Management (MDM)**.
- Built and **automated CI/CD pipelines** using **Jenkins** and **AWS CodePipeline**, reducing deployment time by **50%** and minimizing manual intervention.
- Deployed and managed Kubernetes clusters, ensuring scalable and reliable cloud infrastructure.
- Implemented monitoring and alerting with Prometheus and Grafana, reducing downtime by **15%** through proactive monitoring.
- Administered Red hat/CentOS systems with a focus on user management, LVM, backups, and troubleshooting, reducing potential data loss risk by 25%
- Provided technical support for system users, addressing issues related to software performance and functionality throughout the service delivery maintaining SLAs.
- **DNS, NFS, FTP, and HTTP** configuration and management.

### Full Stack Academy

Sep-2023 – Apr-2024

#### AWS Cloud Apprenticeship

- Strengthened troubleshooting skills by resolving AWS infrastructure issues, ensuring high availability and optimal performance.
- Provided technical support for AWS services (EC2, S3, RDS), assisting users with configuration, security, and optimization.
- Collaborated with teams to solve cloud environment challenges, improving system reliability and user satisfaction and reducing costs.
- Analysed and addressed connectivity and security across AWS services.

## EDUCATION

### Zakir Hussain College of Engineering & Technology (AMU)

2019-2023

#### ❖ Bachelor Of Technology (Computer Engineering)

Earned the Bachelor's Degree from **TOP-5** Ranked Central University of India with **8.04 GPA** Grade.

## MY SKILLS:

### AWS:

EC2, IAM, S3, ECS, EKS, RDS, SNS, VPC, EFS, EBS, Elastic Beanstalk, AWS Cloud Formation, Load Balancer, Auto Scaling, Route 53, CloudWatch.

### DEVOPS TOOLS:

Jenkins, Maven, SonarQube, Ansible, Terraform, Docker, Kubernetes, Nagios, Grafana

### VERSION CONTROL:

Git & GitHub for collaboration and code versioning.

### WEB & APP SERVERS:

Apache, Nginx, Tomcat

### SCRIPTING:

Shell Script, Bash Script; Exposure to Python and PowerShell for automation.

### DATABASE

### MANAGEMENT:

Experience in setting up and managing MySQL, PostgreSQL, and basic database optimization.

### OPERATING SYSTEM:

Linux (Ubuntu, AWS Linux), Windows

### WEB TECHNOLOGIES:

Good Understanding of HTML, CSS, JavaScript

### SOFT SKILLS:

Collaboration, Adaptability, Teamwork, Problem-Solving, Self-starter, Customer Focus

❖ **Intermediate of Science (Higher Secondary)**

---

**CERTIFICATIONS / ACHIEVEMENTS**

---

- Cloud Essentials Badges- Amazon Web Services (AWS)
- NDG Linux Essentials- Cisco Networking Academy
- SQL Basics & Intermediate- Hacker Rank
- Best Intern Award - Full Stack Academy
- AWS DevOps Intern – Full Stack Academy
- Cloud Computing- Infosys SpringBoard

---

**NOTABLE PROJECTS**

---

[GitHub-Link](#) **Deployment and CI/CD Implementation for a React Application:**

- Implemented CI/CD pipeline on AWS for a React application.
- Secured access with sudo user and managed environment (Node.js, npm).
- Deployed with PM2 and Nginx reverse proxy for efficiency and controlled security using
- Automated builds with Jenkins pipeline (Git, build, deploy, S3 upload).
- Scripted environment setup with OpenJDK installation and logging.
- Dockerized the application and utilized Docker Compose for management.

**End-to-End CI/CD of BookApp using AWS CodeDeploy:**

- Designed and implemented a CI/CD pipeline using AWS CodeDeploy and Jenkins for automating code deployments to AWS EC2 instances.
- Configured GitHub webhooks to trigger deployment pipelines on code push, ensuring continuous integration and delivery.
- Deployed and scaled a Flask-based web application using EC2 and Auto Scaling Groups (ASGs) to handle varying loads effectively.
- Stored the deployment packages in S3 Bucket for dedicated backups and restoration.

**3-Tier Microservices Architecture Deployment for LIT-Online Scholarship Portal:**

- Developed a Flask-based web application deployed using a 3-tier architecture on AWS, maintaining the microservice architecture leveraging Nginx, RDS, and EC2.
- Configured Auto Scaling, Route 53 DNS management, SSL certificates, and CloudFront distribution to ensure high availability, performance, and security.
- Integrated Prometheus and Grafana for monitoring, improving system reliability and response times.
- Containerized the application using Docker and managed deployments via Git.

**AWS Cloud Cost Optimization Solution for Company:**

- Analyzed AWS resource usage to identify and eliminate underutilized instances, reducing cloud costs by 20%.
- Automated cost monitoring using AWS Cost Explorer and CloudWatch, enabling proactive cost management.