


# Muhammad Ali Ahmed (DevOps Engineer)

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## Summary

Experienced DevOps Engineer with a strong background in designing and implementing scalable, reliable, and secure cloud solutions. Proficient in containerization technologies such as Docker and Docker compose, and skilled in building robust CI/CD pipelines to streamline the development lifecycle. Expertise in microservices architecture, ensuring efficient and modular application deployment. Adept in managing Linux-based systems and leveraging various AWS services for infrastructure automation and optimization. Strong focus on monitoring and maintaining system performance, ensuring high availability and resilience of applications through effective automation and proactive monitoring solutions.

## Experience

### DevOps Engineer

Beyond Eris Solutions

July 2023 – Present

- Leveraged AWS cloud services, including EC2, S3, RDS, Elastic Beanstalk, ECR, and Elastic Cache, for deploying, managing, and scaling applications.
- Deployed and maintained applications using various web frameworks, including MERN stack, Python Django, and WordPress, ensuring robust and scalable solutions.
- Mastered management and administration of Linux systems, including Debian and RPM-based distributions, ensuring optimal performance and security.
- Implemented and managed CI/CD pipelines using tools like Jenkins and GitHub Actions to streamline the software development lifecycle, improving efficiency and reducing deployment times.
- Configured and maintained SQL-based databases, ensuring data integrity, performance, and availability.
- Automated infrastructure and application deployment using Ansible and Bash scripting, ensuring consistency, repeatability, and reduced manual intervention.
- Worked on the DevOps Infrastructure of HRMS, accounting software, CRMs, freelancing platform, and AI projects, ensuring seamless integration, deployment, and operation.
- Implemented comprehensive monitoring and alerting solutions to maintain high availability, performance, and reliability of deployed applications and services.

## Internee DevOps Engineer

Beyond Eris Solutions

May 2023 – July 2023

- Acquired proficiency in managing Linux systems, including Debian and RPM-based distributions.
- Developed working knowledge of various web frameworks, including MERN stack, Python Django, and WordPress.
- Gained practical experience with SQL-based databases.
- Attained an understanding of different cloud service models, including PaaS, IaaS, and SaaS.
- Gained a solid understanding of the Software Development Life Cycle (SDLC).
- Acquired theoretical knowledge of DevOps culture and its principles.
- Familiarized with Agile methodologies for project management and development.
- Learned the fundamentals of Continuous Integration and Continuous Deployment (CI/CD) processes.
- Enhanced problem-solving skills through hands-on experience and collaborative projects.

## Skills

- Cloud
- AWS
- cPanel
- Linux
- Bash
- Python
- Git
- Containerization
- Docker
- Docker Compose
- Ansible
- IAC
- Configuration Management
- Virtualization
- Vagrant
- Networking
- CI/CD
- Jenkins
- GitHub Actions
- SonarQube
- Prometheus
- Grafana
- Troubleshooting
- Collaboration