Muaz Ahmad
DevOps Engineer

✉ muazkhan098@gmail.com 📞 +923216667413 in muaz-ahmad- ⬡ muazahmadma

Education

Virtual University of Pakistan Bachelor's in Computer Science	**Aug 2020 - Aug 2024** **Remote**
Al-Nafi E Learning Diploma in Artificial intelligence Operations (RQF - Level 6)	**Jan 2024 - Dec 2024** **Remote**

Skills

Linux · AWS · Docker · Github Actions · Terraform · Ansible · Bash Scripting · Python Automation

Github · Git · Prometheus · Grafana

Experience

Kryptomind LLC — **Feb 2025 - May 2025**
DevOps Intern

- Deployed a three-tier application using Docker on a local server, increasing deployment efficiency and reducing setup time by 40%.
- Provisioned and deployed a three-tier application on AWS ECS using Terraform, achieving 99.9% uptime and reducing infrastructure provisioning time by 50%.
- Automated the CI/CD pipeline for a React application using GitHub Actions, cutting manual deployment efforts by 70% and improving release frequency.

Projects

Two-Tier Application using Docker ↗ — **July 2024**

- Deployed containerized Flask applications using Docker and Docker Compose, ensuring seamless service integration.
- Scanned container images for vulnerabilities using Docker Scout, improving security and compliance.
- Optimized multi-container workflows with Docker Compose, reducing deployment setup time by 40%.

Three-tier application on AWS ECS ↗ — **Aug 2024**

- Deployed a scalable three-tier application on AWS ECS using Docker for efficient orchestration and scalability.
- Configured load balancing, auto-scaling, and secure networking, achieving 99.9% system uptime to ensure high availability and reliability.
- Automated deployments and updates by integrating Docker with GitHub Actions in CI/CD workflows.

DevSecOps Jenkins CI/CD Pipeline ↗ — **Sep 2024**

- Built and deployed a Jenkins CI/CD pipeline, automating testing, security scanning, and deployment for Node.js applications, reducing manual effort by 60%.
- Integrated DevSecOps tools like SonarQube and OWASP Dependency-Check, detecting and resolving 95% of critical vulnerabilities.
- Configured automated builds and deployments, cutting release cycles from weeks to days while ensuring compliance with security standards.

Certificates / Extracurricular

- **AWS Cloud Quest: Cloud Practitioner** ↗
- Founded and lead a community focused on DevOps and cloud computing, fostering knowledge sharing and collaboration among professionals and enthusiasts through workshops, webinars, and discussions.