Mario Aziz

marioadel61@gmail.com | +1 (206) 739-1689 | Seattle, WA, USA | LinkedIn | Portfolio(Projects)

EDUCATION

University of Arizona   **February 2024 - Present**
Bachelor of Science in Computer Science - Cloud Computing   *GPA: 3.4*
Relevant coursework: Cloud Computing, Operating Systems, Computer Networks, Distributed Systems
Edmonds College   **August 2022 - May 2024**
Associate Degree

PROFESSIONAL EXPERIENCE

Emmanuel Inc.   **Kent, WA, USA**
Cloud Engineer   *August 2024 - Present*
- Conducted and improved CI/CD pipeline, automating unit/integration tests and Docker image builds, reducing deployment time from 15-20 minutes to under 5 minutes.
- Optimized cloud resource utilization by identifying and eliminating underutilized EC2 instances and unused S3 storage, resulting in ~15% cost savings.
- Designed a Grafana/Prometheus dashboard to track device uptime, collaborating with stakeholders and reducing troubleshooting time by 30%.

Guidepost Montessori.   **Remote, USA**
IT Support & Systems Admin   *July 2023 - August 2024*
- Deployed a resource-scheduling application on AWS EC2 with Apache, automating manual workflows and cutting scheduling time by 30–40%.
- Resolved 10–20 IT tickets weekly with average resolution time under 1 hour.

PROJECTS

Go Web App   **September 2025**
Go, Docker, Kubernetes, Helm, GitHub Actions, AWS (EKS)
- Arranged Go HTTP service to AWS EKS using Helm and multi-stage Docker, reducing lab-environment provisioning time by 5 hours.
- Containerized an internal reporting tool using Docker, improving resource utilization and application stability and reducing downtime by 30%.

CI/CD Pipeline   **August 2025**
Azure DevOps (ADO), Jenkins, SonarQube, Docker, GitHub
- Implemented a CI/CD pipeline using Azure DevOps, Jenkins, SonarQube, Docker, and GitHub to automate build, test, and deployment workflows.
- Reduced manual release steps by 80% by automating code pulls, quality scans, Docker image builds, and deployments, improving release consistency and reliability.

Terraform AWS Infrastructure   **July 2025**
Terraform, AWS (EC2, VPC, Security Groups, Apache)
- Integrated AWS services (EC2, IAM, CloudWatch, ALB) within VPCs using least-privilege security groups, reducing security vulnerabilities by 40%.
- Provisioned AWS infrastructure as code using Terraform, creating repeatable, scalable, and version-controlled environments for EC2, VPCs, and security groups.
- Developed a custom validation script to enforce security best practices in Terraform IaC templates, preventing 10+ policy violations per week.

SKILLS

Cloud & DevOps: AWS, Azure, Docker, Kubernetes, CI/CD, Git, GitHub, Azure DevOps (ADO)
Infrastructure & Automation: Terraform, CloudFormation, Helm, Jenkins, GitHub Actions
Programming & Data : Python, C++, Java, Go, Bash, SQL, REST APIs, YAML, JSON, PostgreSQL, MySQL, NoS
Monitoring & Systems: Prometheus, Grafana, CloudWatch, IAM, Linux (Ubuntu), Windows Server, Networking

Multilingual: Arabic, English, French