

# Mohamed Aziz Gmaty

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## SUMMARY

A recent graduate focused on building and maintaining highly available, secure cloud systems. Driven to support DevOps practices that reduce deployment friction and improve uptime. Bringing fresh perspectives and a hunger to master tools like Terraform, Kubernetes, and AWS.

## CERTIFICATIONS

- **AWS Certified Cloud Practitioner** Earned Sep 2025

## EDUCATION

- **Private Higher School of Engineering and Technology** Sep 2021 – Aug 2026 (Expected)  
Engineering Degree Ariana, Tunisia
  - Relevant coursework: Linux Administration, CI/CD, Networking, Automation, Docker, Kubernetes.

## EXPERIENCE

- **Tabaani** Jun 2025 – Aug 2025  
Cloud DevOps Engineering Intern Tunis, Tunisia
  - Automated infrastructure provisioning using Terraform, cutting deployment setup time by 20% and enabling repeatable builds across 3 production-ready environments.
  - Containerized backend APIs with Docker and deployed workloads on AWS ECS and Google Kubernetes Engine (GKE) for scalable testing environments.
  - Developed CI/CD pipelines in GitHub Actions automating builds, testing, and deployment workflows, improving release frequency from weekly to daily.
  - Integrated monitoring and alerting via Grafana and Prometheus, ensuring real-time visibility and reducing incident response time.
  - Collaborated within a 5-member agile team, leading sprint automation initiatives that improved deployment consistency and cross-environment parity.
  - **Tech Stack:** Terraform, Docker, AWS ECS, GKE, GitHub Actions, Grafana, Prometheus

## TECHNICAL SKILLS

**Infrastructure & Automation :** Terraform, Ansible, Docker, Kubernetes, ArgoCD

**CI/CD & Cloud :** GitHub Actions, Jenkins, Azure, AWS, OpenStack

**Monitoring & Observability :** Prometheus, Grafana

**Scripting Development :** Bash, Python, Java, Angular

## PROJECTS

- **DevOps Azure Pipeline (Personal Project)**
  - Implemented a fully automated Azure environment with Terraform provisioning VMs, networking, and security groups in under 15 minutes.
  - Engineered a Jenkins-driven CI/CD pipeline for Angular builds, Docker image creation, and deployments to a K3s cluster via ArgoCD (GitOps).
  - Established a Prometheus-Grafana monitoring stack, tracking 10+ real-time metrics for container health and performance.
  - **Tech Stack:** Azure, Terraform, Jenkins, Angular, Docker, K3s, ArgoCD, Prometheus, Grafana, MinIO
- **CloudFlex (Academic Project)**
  - Architected a private OpenStack cloud hosting 3+ containerized applications, implementing resource isolation and autoscaling.
  - Streamlined Kubernetes cluster setup using Ansible, reducing setup time from 2 hours to 15 minutes and standardizing deployment scripts.
  - Configured Prometheus and Grafana dashboards to monitor 20+ cluster and pod-level metrics, improving observability and debugging efficiency.
  - **Tech Stack:** OpenStack, Ansible, Kubernetes, Docker, Prometheus, Grafana, GitHub Actions

- **Gamemax (Academic Project)**

- Developed 6 Spring Boot microservices with 90%+ test coverage, enhancing backend reliability by 30%.
- Integrated a **responsive Angular front-end** supporting 100+ concurrent users.
- Implemented a CI/CD pipeline with GitHub Actions, slashing release time by 40%.
- **Tech Stack:** Spring Boot, Angular, MySQL, REST APIs, GitHub Actions

#### **ADDITIONAL INFORMATION**

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**Languages:** French (Native), Arabic (Native), English (Proficient)