

Ahmed Zahran Ali
Hadayek Elmaadi, Cairo, Egypt | ahmedzahran851@gmail.com | 01123790314 |
www.linkedin.com/in/ahmed-zahran-b0a054393 | github.com/ahmedzahranali |
portfolio.mydevopsresume.com

Professional Summary

Emerging Cloud DevOps Engineer with a Bachelor's degree in Information Technology and hands-on expertise in cloud-native infrastructure. Fluent in English (C1 level) and proficient in orchestrating scalable environments using Terraform, Kubernetes, and Docker. Strong technical foundation in AWS serverless architectures, Linux system administration, and CI/CD automation. Proven ability to engineer zero-trust deployment pipelines, implement Infrastructure as Code (IaC), and establish proactive observability to optimize and secure cloud operations.

Certifications:

- **AWS Certified Solutions Architect – Associate**
- **AWS Certified Cloud Practitioner**

Skills Section:

- | | |
|---|---|
| • OS & Security: Linux Administration (Red Hat Admin I/II, SELinux, Firewalls, LVM). | • Languages & Communication: English (Fluent / C1), Arabic (Native). |
| • Automation & Scripting: Python, Ansible, Shell Scripting, Git. | • Cloud & Orchestration: AWS (Core Services/Security), Terraform, Kubernetes, Docker, Red Hat OpenShift. |
| • Networking Foundations: VLANs, SNMP, Cisco. | • Development & APIs: REST/HTTPS APIs, React/JavaScript. |

Professional Experience:

Cloud DevOps Intern | iVolve |

- **Build & Containerization:** Standardized application packaging using Gradle and Maven and engineered optimized multi-stage Dockerfiles to containerize Spring Boot, Node.js, and Python microservices.
- **Kubernetes Orchestration:** Managed cluster resources and security by implementing RBAC, resource quotas, and node taints, while configuring persistent storage solutions and StatefulSets for database workloads.
- **Continuous Integration:** Designed automated Jenkins pipelines to streamline the software delivery lifecycle, integrating unit testing, image scanning, and automated deployment stages.
- **GitOps Implementation:** Deployed and configured ArgoCD to manage GitOps workflows, ensuring automated synchronization and consistency between Git repositories and Kubernetes cluster states.

- **Infrastructure Automation:** Developed Ansible playbooks to automate server configuration and application deployment, utilizing Ansible Vault for secret management and dynamic inventory for AWS EC2 instance discovery.

National Telecommunication Institute (NTI) – Cloud DevOps Engineer Scholarship

- Gained hands-on experience in network automation, cloud deployment, and infrastructure as code within an intensive DevOps training environment.
- Automated configuration and management of Cisco, Juniper, and Arista network devices using Ansible playbooks, including VLAN provisioning and SNMP monitoring.
- Deployed and managed containerized applications on Red Hat OpenShift using Helm and source-to-image workflows, handling cluster resources, nodes, and access controls.
- Designed and executed automated infrastructure test cases using Robot Framework to validate network and system deployments.
- Strengthened Linux system administration skills through practical work with Red Hat Linux, SELinux policies, firewalls, LVM, and file systems.

Technical Projects:

Cloud Resume Challenge (Serverless AWS Architecture & CI/CD):

- **Engineered a zero-trust CI/CD pipeline** using GitHub Actions and AWS OIDC, eliminating the reliance on long-lived static credentials for automated infrastructure deployments.
- **Codified cloud infrastructure** (S3, Lambda, CloudFront) utilizing Terraform with remote state management, ensuring a highly available, version-controlled cloud architecture.
- **Enforced automated quality gates** within the deployment pipeline, executing Python unit tests and Terraform syntax validation on every commit before production rollout.
- **Implemented proactive observability** by provisioning AWS CloudWatch metric alarms and SNS email notifications via IaC to monitor serverless compute health in real-time.

Other Experiences

Customer Service Agent

TTEC & Concentrix – Cairo, Egypt

- Managed 100+ daily customer inquiries in high-volume call center environments while consistently meeting service-level agreements (SLAs).
- Resolved technical and account-related issues efficiently under time pressure, demonstrating strong problem-solving and communication skills.
- Documented workflows and tracked performance metrics, reinforcing attention to detail and process-oriented thinking applicable to DevOps operations.
- Collaborated with cross-functional teams to meet operational targets, developing teamwork and reliability essential for production environments.

Front-End Web Development

Route Academy – Cairo, Egypt

- Developed responsive web applications using React and JavaScript, consuming RESTful APIs to build dynamic user interfaces.
- Implemented debugging, testing, and deployment practices, establishing a strong foundation for automation and CI/CD concepts.
- Gained practical experience in version control and collaborative development workflows.

Education:

Bachelor of Information Technology

Faculty of Computers and Artificial Intelligence, Beni-suef, Egypt

Graduation: 2022.

Languages:

Arabic: Native.

English: Fluent (C1).