

ESLAM ZAIN

DevOps Engineer | Linux System Administrator | Cloud engineer

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Military Status: Completed (May 2025)

Profile Summary

DevOps Engineer with a strong foundation in **Linux**, **cloud computing**, and **automation tools**. Skilled in managing **CI/CD pipelines**, **infrastructure as code**, and **containerization**. Practical experience with **AWS**, **Docker**, **Kubernetes**, **Git**, **Ansible**, and **Terraform**.

Passionate about streamlining software delivery, enhancing system reliability, and embracing **DevSecOps** culture. Seeking a full-time role to contribute to efficient, secure, and scalable infrastructure

Education

Bachelor of Communication Engineering Mansoura

College Academy | Sep 2018 - Jun 2023 GPA: Very Good

Projects

DevOps Portfolio on GitHub

- Built and published multiple hands-on DevOps projects, including: - CI/CD pipeline using GitHub Actions and Docker - AWS infrastructure deployment using Terraform - Automated server provisioning with Ansible - Kubernetes local cluster setup for microservices

Linux Automation Lab

- Developed shell scripts and Ansible playbooks to automate: - Linux server hardening - User management – Package installations

Graduation Project: Coastal Smart City

- Designed and implemented a smart city prototype focusing on IoT integration and embedded systems.
 - Led system integration efforts, ensuring stable and reliable communication between all subsystems.
 - Configured and interconnected routers and switches, verified network stability, and ensured consistent connectivity across the project.
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Certifications & Learning

- **DevOps Roadmap** (Dolfened)
 - **AWS Cloud Fundamentals** (AWS Academy Cself-study)
 - **Linux Fundamentals** (Red Hat Academy materials)
 - **Ansible, Terraform**: Practical labs via GitHub C Katacoda
 - **CCNA** (Cisco Networking Academy - Self-study)
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Training & Scholarships

- **DevOps Engineering** (6 months) Scholarship – National Telecommunication Institute (NTI), Nasr city
 - **Linux Administration (RHCSA Level)**: Configured C secured RHEL-based systems (LVM, SELinux, scripting).
 - **Ansible Automation**: Built reusable Playbooks/Roles for server provisioning C configuration.
 - **Docker & Kubernetes**: Deployed containerized apps with networking, volumes C auto-scaling.
 - **AWS & Cloud**: Hands-on experience with EC2, IAM, VPC, S3, security C cost optimization.
 - **CI/CD & IaC**: Built Jenkins pipelines C provisioned infra with Terraform.
 - **Cloud Security**: Monitored workloads (CloudWatch/CloudTrail) C implemented IAM/KMS policies.
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Technical Skills

Cloud & Infrastructure

- **AWS** (EC2, S3, IAM, VPC, RDS, CloudWatch)
- **Linux system administration** (Ubuntu, CentOS)
- **Shell scripting** (Bash)
- **Infrastructure as Code** (Terraform)
- **Configuration Management** (Ansible)

Containerization & CI/CD

- **Docker**: Image creation, container orchestration
 - **Kubernetes**: Deployments, services, Helm basics
 - **CI/CD**: GitHub Actions, Jenkins pipelines
 - **Git**: Branching strategies, version control workflows
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Soft Skills

- Quick learner | Problem-solving & Analytical Skills | Teamwork | Communication
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Languages

- **English**: B2
- **German**: A1