

Abdelaziz Omar

DevOps Engineer

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Summary

Motivated DevOps Engineer with a strong background in backend technology, dedicated to enhancing infrastructure reliability, scalability, and security. Proficient in automation and experienced in CI/CD pipelines and related tools. Skilled in Python and Bash scripting, with solid expertise in AWS. Versatile in backend technology, enabling end-to-end solutions. Passionate about continuous learning, infrastructure optimization, and collaborating with cross-functional teams to ensure efficient and reliable application deployment.

Experience

- **DevOps Engineer, B.TECH (b_labs & mylo)** 03/2024 - Present
Cairo, Egypt
 - Drove operational efficiency by automating software configuration and ensuring application stability and performance using EKS, Helm, Argo CD, GitHub Actions, and Terraform
 - Worked with AWS Outposts to enable scalable, production-grade hybrid cloud deployments integrated with Kubernetes (EKS)
 - Delivered high-performance, resilient, and future-ready platforms through GitOps practices, infrastructure as code, and CI/CD automation
- **DevOps Engineer, Integrated Solutions For Ports (ISFP)** 11/2023- 03/2024
Alexandria, Egypt
 - Implementing integrations requested by customers
 - Delivered customer integrations and internal system automation using Ansible, Jenkins, Docker, and Linux
 - Reduced operational errors and improved reliability through automation and CI/CD pipelines
 - Investigating and resolving technical issues
 - Troubleshoot and resolved production issues in containerized and Linux-based environments
- **DevOps Engineer, XWAR** 04/2023- 08/2023
Cairo, Egypt
 - Maintaining and Developing Backend Application Using PHP/Laravel
 - Deploying and Scaling Applications on Kubernetes (EKS)
 - Setting up CI/CD Pipelines with Jenkins
 - Utilizing Infrastructure as Code (IaC) Tools like Terraform
- **Backend Engineer (PHP/Laravel), Arabic Localizer** 08/2021- 10/2022
Alexandria, Egypt
 - Maintaining and Fixing the website issues
 - Major re-write of sections of the code and Increasing the performance of MySQL query

Education

- **Diploma, Information technology institute (ITI).** 11/2022 - 03/2023
- **B.S.C DEGREE, Faculty of Agriculture Alexandria University** 07/2017 - 07/2021
 - Department: Agricultural Economy
 - Grade: Good
 - Graduation Project Grade: Excellent

Internships And Courses

- NATIONAL TELECOMMUNICATION INSTITUTE (NTI)** 04/2022 - 05/2022
 - Backend Developer Internship (PHP/Laravel / MySQL)
- Route Academy** 02/2022 - 05/2022
 - Software IT Fundmentals
- YOUTH ENABLEMENT FOR FREELANCING INTIATIVE** 09/2020 - 11/2020
 - Full-Stack Web Development at Ministry of communication and information technology.

Certificates

- Linux Foundation, CKA** 08/2023 - 08/2026
 - Certified Kubernetes Administrator
- Amazon Web Services Training and Certification, CLF** 03/2023 - 03/2026
 - AWS Certified Cloud Practitioner

Technical Skills

- Operating Systems**
 - Linux
 - Windows
- Containerization and Orchestration**
 - Docker
 - Kubernetes/Helm
 - Docker Swarm
 - Openshift
- CI/CD Tools**
 - Jenkins
 - Github Actions
 - ArgoCD
- Programming and Scripting Languages**
 - Python
 - Bash Script
 - Javascript
 - C#
 - PHP
- Version Control**
 - Git
 - Github
- Configuration Management**
 - Ansible
- Observability Stack:**
 - Prometheus & Grafana
 - Loki & opentelemetry
- Database Management**
 - SQL
 - MySQL
- Cloud Providers**
 - AWS
- Infrastructure Tools**
 - Terraform
- Repository Management:**
 - Nexus
- Web Servers**
 - Nginx

Languages

- Arabic**
 - Native
- English**
 - B1

References

- References available upon request.