

Abdelaziz Omar

DevOps Engineer

Alexandria, Egypt (Ready to relocate) | (+20) 01027588498 | abdelazizomardev@gmail.com

[Github](#) [Linkedin](#)

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

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

Certificates

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|--|-------------------|
| Linux Foundation, CKA | 08/2023 - 08/2026 |
| • <u>Certified Kubernetes Administrator</u> | |
| Amazon Web Services Training and Certification, CLF | 03/2023 - 03/2026 |
| • <u>AWS Certified Cloud Practitioner</u> | |

Technical Skills

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

Languages

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|---------------|----------------|
| Arabic | English |
| • Native | • B1 |

References

- References available upon request.