





Abdelrahman Elhodaky


Devops Engineer (BackEnd side)

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Profiles

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Summary

passionate Devops Engineer with background setting up CI and CD pipelines and scripting deployment activities. Well-rounded and conscientious professional committed to proactively managing change and quickly deploying critical applications. Expertise in configuration management and Agile, Scrum and Waterfall methodologies.

Experience

Freelance April 2023 - April 2025

BackEnd Developer Remote

Increased system reliability by implementing robust error handling and logging mechanisms.

Employed continuous integration and deployment practices for faster release cycles and improved product quality.

Developed secure web applications by adhering to industry-standard security guidelines and practices.

Developed RESTful APIs that facilitated seamless data exchange between clients and servers in a distributed environment.

GDS Systems November 2022 - January 2023

Full stack internship

Worked with senior developers and designers to implement Software using HTML/ CSS, Bootstrap, Angular and ExpressJs.

Education

Mansoura university 2015-2019

Computer information science Information systems

Very good ,gpa : 3.77

Projects

Logistics system May 2024

A production-ready TypeScript API Gateway that bridges RESTful HTTP clients with gRPC-based logistics microservices (shipments, inventory, tracking, orders) using Express.js for routing and TypeORM with MariaDB for type-safe data persistence in an enterprise-grade, scalable microservices architecture

Construction company system June 2024

production-ready Construction Company Management System designed to streamline all aspects of construction business operations. Built with modern web technologies and enterprise-grade architecture, it provides a complete solution for managing projects, contracts, payments, schedules, and organizational workflows

Kubernetes project July 2025

establishes a comprehensive DevOps pipeline to deploy a NestCMS application to AWS EKS using Terraform for Infrastructure as Code, integrating FluxCD for GitOps, and automating the workflow via both GitHub Actions and CircleCI.

Fluxcd deployment Aug 2025

GitOps repository utilizing FluxCD v2 to declaratively manage and automatically synchronize Kubernetes application deployments, such as the demo app Podinfo and the custom NestCMS, using Kustomize configurations and source manifests.

Openshift gitops October 2025

Production-ready OpenShift GitOps implementation using FluxCD with enterprise-grade security (98.7/100 score), featuring a complete ecommerce stack (React/Node.js/PostgreSQL) across multi-environment deployments, zero-trust networking, comprehensive vulnerability scanning (Trivy/Checkov/TruffleHog), and automated CI/CD pipelines .

Skills

PHP,JavaScript/Typescript ,Ruby

Docker , Kuberntes

Terraform , Jenkins

Github Ci, CircleCi

OpenShift

Certificates

Ruby

August 2025

 [Ruby](#)

Devops

June 2025

 [Devops](#)

Aws

June 2025

 [AWS](#)

Kuberntes

June 2025

 [Kuberntes](#)

Jenkins

July 2025

 [Jenkins](#)

Golang

August 2025

 [Golang](#)

Awards

Best poster

2019

Appreciate certificate for graduation project poster