

# Abdelrahman Osama

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## Full-Stack Technical Lead | DevOps & Infrastructure

With 6 years of experience in full-stack development and cloud-based solutions, I have led .NET teams, optimized system performance, and implemented Agile methodologies. Skilled in refactoring legacy code, mentoring junior developers, and architecting new features, I have delivered high-impact projects on time and within budget. Spearheading the deployment of applications to the cloud, I have significantly improved scalability, performance, and deployment efficiency.

### WORK EXPERIENCE

#### Wakeb\_Data Technical Lead

05/2024 – Present  
Riyadh, Saudi Arabia

- Lead .NET development teams in designing, building, and deploying cloud-based solutions, with a strong focus on performance optimization, legacy code refactoring, and mentoring junior developers to elevate team capability.
- Implemented Agile methodologies to streamline workflows, enhance collaboration, and accelerate delivery timelines, leading to measurable improvements in productivity and team alignment.
- Delivered multiple high-impact projects on time and within budget, driving increased client satisfaction, repeat engagements, and long-term business relationships.

#### Senior Software Engineer

Riyadh, Saudi Arabia

- Designed, developed, and maintained large-scale systems, including architecting new features and deploying robust solutions on cloud platforms.
- Led major refactoring initiatives to enhance system performance, scalability, and maintainability, resulting in reduced technical debt and faster release cycles.
- Collaborated closely with cross-functional teams—including QA, DevOps, and product stakeholders—to ensure seamless project delivery and alignment with business goals.

#### BottleTech Senior Software Developer

04/2024 – 07/2024

- Architected and implemented user stories for BottleTech, leading the redesign and refactoring of a complex dashboard system using .NET and Angular.
- Enhanced user experience and system functionality by developing and integrating new, high-impact features based on business requirements and user feedback.
- Deployed the application to the cloud using Docker and Kubernetes, significantly improving scalability, performance, and deployment efficiency.

#### E Connect Africa Senior Software Developer

10/2022 – 05/2024

- Delivered end-to-end features across **ASP.NET Core** APIs and **Angular** UI, from grooming and design to production releases.
- Refactored legacy modules into clean, well-bounded services; improved change lead time and reduced deployment risk.
- Optimized DB access and caching (EF Core + query tuning), cutting p95 API latency and improving throughput under load.
- Set up and maintained **CI/CD** pipelines (tests, code quality checks, automated deploys) and containerized services with **Docker**.
- Implemented secure auth (JWT/roles/permissions) and applied **OWASP** best practices, improving security posture.

- Drove Agile rituals, mentored junior devs through code reviews and pair programming, and wrote clear technical docs.

## Full-stack Web Developer

- Delivered end-to-end features across **ASP.NET Core** APIs and **Angular** UI, from grooming and design to production releases.
- Optimized DB access and caching (EF Core + query tuning), cutting p95 API latency and improving throughput under load.

## Ghazal Solutions

07/2021 – 03/2022

### Full-Stack .NET Developer

Dubai, United Arab Emirates

- Built and maintained e-commerce web apps using **ASP.NET Core** (REST APIs) and **Angular**, including catalog, cart, checkout, and order tracking.
- Integrated third-party **payment gateways** and shipping providers (webhooks, retries, error handling) to streamline order fulfillment.
- Designed and tuned databases (**PostgreSQL / MongoDB**), wrote migrations, and improved slow queries for faster page loads.
- Added unit/integration tests and basic CI to raise reliability; introduced structured logging and error monitoring.
- Deployed apps to Linux servers (Nginx/Apache) and **DigitalOcean**, documenting runbooks for smooth handoffs.

## HashStudio

11/2020 – 07/2021

### Full-Stack Web Developer

AI Minufiyah, Egypt

- Hash studio is a stable company that provides software solutions for warehouse apps and employee management systems, my job was to develop front-end and back end tasks, test specific parts of applications, support and improve new developers

## EMS

01/2020 – 09/2020

### Software Developer

- Built corporate websites and mobile-friendly web apps using **Laravel/PHP, jQuery/JS**, and **MySQL**. Designed RESTful endpoints, implemented auth (sessions/JWT/roles), and standardized request/response validation.
- Created reusable **Blade** components and optimized front-end performance (lazy loading, asset minification, caching).
- Deployed to LAMP servers and documented runbooks; used **Git** and code reviews for quality.

## DotByte

05/2019 – 12/2019

### Software Developer

Egypt

- Consumed/served APIs with AJAX and **jQuery**, adding client-side validation and UX polish.
- Delivered CRUD modules, admin dashboards, and public pages using **Laravel** and **Blade**, backed by **MySQL/MariaDB**.
- Implemented role-based access, form requests, and centralized exception handling to harden security.
- Wrote migrations and seeds, optimized queries, and introduced basic unit tests for core services.
- Converted designs to responsive HTML/CSS and ensured cross-browser compatibility.
- Assisted with VPS/shared-hosting deployments (Apache/Nginx, **Let's Encrypt** SSL) and release checklists.

## EDUCATION

### BSC in Pure Mathematics and Computer Science

Minufiya University, Egypt

## PROJECTS

### **Innovation Awards**

GADD

**General Authority for Digital Government KSA is a platform for the Innovation Awards.**

### **Qiyas**

Digital Government Authority

**A digital assessment tool that helps government agencies know the level of progress towards digital transformation.**

### **Social Media Hub**

The Egyptian Ministry of Health

**Connect and collaborate between organization members with some features like posts, comments, chat, and groups, etc.**

### **Tele-Medical**

E-Connect Africa

**Connect doctors and patients throw the app by video, and chat services, and send medical reports.**

### **Tadween For Wholesalers and Retailers**

Hash-Studio

**Website and mobile app for wholesalers and retailers' business.**

### **Warehouse Management System**

Freelance

Warehouse Management System (WMS) that automates receiving→putaway→picking→packing→shipping with real-time inventory, barcode/RF scanning, and FIFO/FEFO controls.

### **the international electrical appliances company, Stick Max Commerce**

EMS

A Website to Display Products of the famous company stecmax.

### **Eastern Area In KSA**

Wakeb\_data

A modern, mobile-first website for the Eastern Province of Saudi Arabia that centralizes public information and e-services. It features real-time news and announcements, service requests and permits, events, tourism guides, and an interactive map of municipalities—available in Arabic and English with strong accessibility and SEO.

### **Bwenz Full-ECommerce**

Freelance

A multi-store e-commerce for Bwenz across Australia with real-time inventory, advanced search, product variants, promotions, and loyalty. Supports AUD + GST-inclusive pricing, Australia Post/Sendle shipping, local delivery, and click-and-collect, with secure payments (Stripe/PayPal/Apple Pay/Google Pay) and invoices compliant with Australian Consumer Law.

## CERTIFICATIONS

### **Build a proof of concept e-commerce store using Angular, .Net and Stripe for payment processing**

Udemy Courses

### **Odoo for programmers - (Intermediate/Advanced) (v17, v18)**

### **Build a Microservices app with .Net and NextJS from scratch**

## AWARDS & SCHOLARSHIPS

### **Arctic Code Vault Contributor**

Github

## VOLUNTEERING & LEADERSHIP

### **Open Source Symfonier E-Commerce**

Software Engineer

to support the open-source community, I created a free online store Link:

[github.com/eslambouilly/ecommerce-symfony-vuejs](https://github.com/eslambouilly/ecommerce-symfony-vuejs) Languages and Tools: PHP, Symfony, VueJS, MySQL

### **Point Of Sales**

Software Engineer

To manage small and medium stores Link: [github.com/eslambouilly/point-of-sales-symfony-project](https://github.com/eslambouilly/point-of-sales-symfony-project)

Languages and Tools: PHP, Symfony, MySQL

### **Symfony Validation**

Software Engineer

A small Library to make validation process easy in symfony framework Link:

[github.com/eslambouilly/symfony-bolly-validator](https://github.com/eslambouilly/symfony-bolly-validator) Languages and Tools: PHP, OPP

### **URWay Payment Gateway**

Software Engineer

URWay Payment Gateway Package for easy usings

## SKILLS

Angular, C#, CI/CD, Cloud Solutions, DevOps, Docker, Javascript, Laravel, Linux administration, MSSQL, MySQL, .NET, Odoo, php, PostgreSQL, React, Symfony, VueJS

## LANGUAGES

**Arabic ( Native )**

**English ( Fluent )**

**Duetsch ( Basics )**