

## Zain Abo Almagd

Backend Developer | Node.js, Express.js, Nest.js, MongoDB, PostgreSQL | Python & Django

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## Professional Summary

Backend developer specializing in Node.js, Express.js, Nest.js, and Django. Skilled in building high-performance, scalable APIs using MongoDB and PostgreSQL. Proven success in boosting system performance and sales by over 15% in production environments. Experienced in deploying apps on AWS, Heroku, and Render. Passionate about clean architecture, results-driven development, and cross-functional teamwork.

## Professional Experience

### Backend Developer – Aseer Time, Oman (Feb 2023 – May 2025)

- Designed and maintained RESTful APIs using Node.js and Express.js
- Built secure authentication systems with JWT and OAuth2
- Deployed on AWS and Render; optimized MongoDB queries
- Led backend for food service system, managing 34 employees
- Increased sales by 18%, reduced costs by 12%, improved satisfaction by 15%

### Backend Developer Intern – Prodigy InfoTech (Jul 2025 – Aug 2025, Remote)

- Developed backend tasks using Node.js, Express.js, NestJS
- Implemented JWT auth, Redis caching, and hotel booking logic
- Applied clean architecture, DTOs, and environment config best practices

## Technical Projects

### Ecommerce API

- Built secure backend with Node.js, Express, MongoDB
- Integrated Stripe, JWT, cloud uploads, admin dashboard

### Face Detection App

- Real-time face detection using Clarifai API and PostgreSQL auth
- Frontend in React, backend with Node.js

### Portfolio Website

- Full-stack app using React and Node.js, hosted on Netlify

## Education

B.Sc. in Computer Science – Suez Canal University, Egypt (Oct 2017 – Jul 2021)

Graduated with 'Very Good' honors | Graduation Project: 'Excellent'

## Technical Skills

Languages: JavaScript, TypeScript, Python

Backend: Node.js, Express.js, Nest.js, Django

Frontend: React, HTML, CSS, Tailwind CSS, Next.js

Databases: MongoDB, PostgreSQL, Supabase

DevOps/Tools: Docker, Git, GitHub, AWS, Heroku, Render, Netlify

Concepts: REST APIs, JWT, OAuth2, MVC, TDD, Webhooks, Rate Limiting

Other: Stripe Integration, File Uploads (Multer), Testing (Jest, Postman)

## Soft Skills

Analytical thinking, Communication, Time management, Agile teamwork, Ownership, Adaptability, Customer focus

## Certifications

- Hands-On Development in AWS – LinkedIn (Apr 2025)
- Docker Foundations – Docker Inc. (Apr 2025)
- JavaScript Foundations – Mozilla (Apr 2025)
- Learning Node.js / Node.js Security – LinkedIn (Mar 2025)
- Python, Django, Web Apps – Coursera/Udemy/Udacity (2020)

## **Languages**

Arabic – Native | English – Professional Proficiency