

# Omar Alawaji

## Software Engineer

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### OBJECTIVE

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A fresh graduate software engineer with experience in multiple tools and programming languages gained through a project-driven learning approach. Source code (for unpublished projects) and additional projects are available upon request. Seeking an entry-level role in software engineering.

### EDUCATION

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#### Bachelor of Science in Software Engineering

King Fahd University for Petroleum and Minerals, Dhahran

08/2020 – 12/2025  
Dhahran, Saudi Arabia

### EXPERIENCE

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#### Data Intern

Tarabut Gateway

06/2024 – 08/2024  
Manama, Bahrain

- Worked alongside the ML engineering team to review, document, and visualize the enrichment service.
- Delivered clear documentation for both stakeholders and cross-functional development teams.

### PROJECTS

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#### Partzboys.com

Individual Developer

01/2026 – 04/2026

- Built a platform connecting computer stores and customers in one system.
- Developed tools for creating and managing custom computer builds.
- Tech stack: Next.js, FastAPI, PostgreSQL, Docker.
- Deployment stack: Supabase, Railway, Netlify, Cloudflare.

#### Retoka

Individual Developer

08/2025 – 08/2025

- Developed a local multiplayer challenge game with customizable gameplay.
- Designed multiple game modes to enhance replayability.
- Tech stack: Flutter (Hive), Supabase.

#### Soccer@KFUPM

Back-End Developer

05/2025 – 05/2025

- Designed and developed a system to manage matches, tournaments, and player statistics.
- Tech stack: FastAPI, SQLAlchemy, PostgreSQL.

#### Chatara

Back-End & Integration Developer

01/2025 – 01/2025

- Created an adaptive study system for the Saudi Qudrat exam.
- Implemented dynamic question selection based on performance analysis.
- Tech stack: Flutter (sqlite), FastAPI, PostgreSQL.

### SKILLS

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#### Technical Skills

- Front-End: React.js, Next.js, Flutter
- Back-End: Node.js, Express.js, TypeScript, Python (FastAPI)
- Tools: Photoshop, Figma, Git, Postman, LaTeX
- Other: Machine Learning & Data Science

#### Soft Skills

- Problem Solving
- Communication
- Teamwork
- Adaptability