

# Omar Fawzy

Full-stack / Backend web developer

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## SUMMARY

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Self-taught full-stack / Backend web developer with a strong foundation in HTML, CSS, JavaScript, Node.js, React, Laravel, PHP, PostgreSQL, and MongoDB. After a successful career in dentistry, I made the intentional shift to web development upon discovering my true passion lies in coding and creating digital solutions. I am a fast learner who independently mastered key technologies and problem-solving techniques, and I thrive in collaborative environments where teamwork drives innovation. I'm now seeking an internship opportunity to gain hands-on experience, contribute to real-world projects, and build a solid portfolio as I continue my journey toward a professional career in tech.

## PROJECTS

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### Task Manager API Backend

Tech Stack: PHP Laravel MySQL JWT Authentication

Developed a secure and scalable backend API for a task management application using the Laravel framework. The project features a complete set of RESTful endpoints for user authentication and full task management, all built upon a clean MVC architecture.

- Implemented user registration & login functionality secured with JWT-based authentication.
- Designed and built secure RESTful APIs for full CRUD (Create, Read, Update, Delete) operations on tasks.
- Structured the application using the MVC design pattern for a maintainable and scalable codebase.

### Web Developer Portfolio

Tech Stack: React.js Tailwind CSS

Interactive personal portfolio showcasing web development projects, skills, and professional journey in tech.

### Full-Stack Dentist Portfolio

Tech Stack: Next.js Tailwind CSS TypeScript Supabase Upload Thing

Designed and deployed a responsive full-stack web app for managing and showcasing dental case studies. Implemented image uploads via Upload Thing and real-time data handling with Supabase, including authentication. Developed dynamic routing for detailed case pages and optimized SEO using the Next.js App Router. Leveraged server-side rendering and Incremental Static Regeneration (ISR) for fast, scalable performance.

### Subscription Tracker Web App

Tech Stack: Node.js Express.js MongoDB JWT Authentication

Developed a full-stack application to track subscriptions, featuring JWT authentication, secure CRUD APIs, and a MongoDB schema. The responsive frontend, built with React and Material UI (MUI), includes a calendar and renewal notifications.

- User registration/login with JWT-based authentication.
- Secure APIs for CRUD operations with renewal tracking.
- Responsive UI using React.js and Material UI with role-based access.

### Pizza Menu Web App

Tech Stack: React.js JSX CSS Modules JavaScript

Designed a responsive single-page frontend application for a pizza restaurant. The application dynamically renders a menu with descriptions, prices, and availability, featuring conditional rendering based on business hours.

- Interactive pizza menu with real-time availability indicators.
- Component-based architecture using functional components and props.
- Conditional rendering based on restaurant open/closed status.

## SKILLS

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### Technical Skills

HTML, CSS, JavaScript, Node.js, Express.js, React, Laravel, PHP, PostgreSQL, MySQL, and MongoDB

### Soft Skills

Team Work, Fast learner and Problem solver

## CERTIFICATES

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### The Complete Full-Stack Web

#### Development Bootcamp

Instructor: Dr. Angela Yu

[View Certificate](#)

#### SQL (Intermediate)

The bearer of this certificate has passed the HackerRank skill certification test

[View Certificate](#)

#### Problem Solving (Basic)

The bearer of this certificate has passed the HackerRank skill certification test

[View Certificate](#)

#### CSS (Basic)

The bearer of this certificate has passed the HackerRank skill certification test

[View Certificate](#)

#### SQL (Basic)

The bearer of this certificate has passed the HackerRank skill certification test

[View Certificate](#)

#### JavaScript (Basic)

The bearer of this certificate has passed the HackerRank skill certification test

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## Languages

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- English
- Arabic

## EDUCATION

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### Bachelor's Degree in Dentistry, The British University in Egypt

(GPA: 3.0/4.0)