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Adham Mohammed Yaqoub

[GitHub Profile](#)
[LinkedIn Profile](#)

Education

An-Najah National University, Palestine B.Sc in Computer Engineering Aug 2020 - 2025

Professional Experience

Backend Developer Trainee – OppoTrain Aug 2025 - Dec 2025

- Currently training in **backend development** using **Django REST** Framework and **PostgreSQL**.
- Implemented RBAC & Authorization using JWT tokens.
- Developed drhealth project: CRUD for Admin & Health Expert, Login & Registration APIs, and getMe API.

Projects

TaxiGo – Smart Taxi Booking & Management System Graduation Project – Feb 2025 – Jun 2025

Description:

Designed and developed a full-stack smart taxi booking and management system for Palestine, supporting both mobile and web platforms. **Technologies:**

Flutter, Node.js (Express), MongoDB, Firebase, Socket.IO, OpenAI Gemini API, Telegram Bot API, Cloudinary, Render. **Features:**

- Real-time driver tracking & AI traffic analysis
- Trip booking via Telegram Bot
- Live user-driver chat
- Role-based responsive UI with media support

Orphan Support & Donation Management System

Feb 2025 – Jun 2025

Description:

Built a Node.js backend system to manage orphan profiles, donations (cash & in-kind), volunteer coordination, and emergency campaigns with full transparency between orphanages and donors. **Technologies:** Node.js, Express, MySQL (Sequelize), JWT, WebSocket, Nodemailer, OpenStreetMap API, PDFKit, ExcelJS. **Features:**

- Orphan & sponsorship management
- Donation tracking and delivery logistics
- Volunteer matching and service requests
- Emergency campaign alerts
- RESTful API with role-based access control

Technical Skills

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- **Programming Languages:** JavaScript, TypeScript, Python, C/C++, Java, Flutter, Verilog, VHDL
 - **Web Development:** HTML, CSS, React.js, Node.js
 - **Tools & Platforms:** Git, Visual Studio Code, PHPStorm, Dev-C++, Visual Studio, Eclipse, IntelliJ IDEA.
 - **Other Skills:** Debugging, Agile Methodologies, Project Documentation, Problem Solving, Crossfunctional Collaboration

Extracurricular Activities & Certificates

[Udacity Front-End Development Nanodegree](#) February 24, 2025

Frontend development with React.js

[Udacity Data Analysis Nanodegree](#) July 7, 2025

Data analysis and visualization using Python, Pandas, and NumPy..

[Full Stack JavaScript Developer](#) November 4, 2025

Developed full-stack web applications using Angular and Node.js.

Languages

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- **Arabic:** Native – Speaking, Reading, Writing
 - **English:** Intermediate – Speaking, Writing; Advanced – Reading