

AHMAD AYED SALEEM

Full-Stack Software Engineer

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SUMMARY

Computer Science graduate (2026) with hands-on full-stack experience across the PERN stack, from requirements analysis and system architecture through implementation, testing, and deployment. Comfortable leading small engineering teams and taking a project from client requirements to a working, containerized system. DataCamp scholarship recipient. Seeking a full-stack or backend-focused internship / entry-level role to contribute to real-world software products.

EXPERIENCE

Team Lead & Full-Stack Developer — Hiwar (Management System)

2026

Freelance · Team of 3

- Led a team of three to replace a single-admin center's manual tracking with an automated system for payments, session counts, and staff compensation.
- Migrated the system from a PERN-stack web app to a cross-platform desktop app on the same stack, removing the need for external hosting.
- Owned requirements gathering end-to-end, turning client needs directly into a working, deployed system.

Team Leader & Software Engineer Intern — GoIT (Ghodayyah Technology Services)

2026 · 3 months

Zeita, Tulkarm, Palestine · Team of 3

- Led a team of three to consolidate trainee, supervisor, project, task, evaluation, and document tracking into a single platform, replacing fragmented manual processes.
- Shaped the database design and system architecture decisions the rest of the team built on.
- Developed RESTful APIs with Node.js and Express, and built frontend components with React and TypeScript.
- Secured the platform with JWT-based authentication and Zod input validation to protect user data and prevent malformed records.
- Set up Docker containerization and GitHub Actions CI, giving the team consistent, repeatable builds across environments.
- Stress-tested the system with test cases covering 10,000+ records, confirming it held up before handoff.
- Managed source control with Git/GitHub and helped prepare technical documentation.

PROJECTS

Bridging Physical Barriers — AAUP 3D Virtual Campus Experience — Graduation Project · Team of 4

- Built the technical implementation of a 3D virtual campus tour in Unreal Engine 5 as part of a four-person project team.
- Integrated an AI chatbot scoped to answer questions specific to AAUP, alongside a bilingual (Arabic/English) interface and a UML-driven system design.

Training Management System (TMS) — Project Lead

- Full-stack web platform built during the GoIT internship using Node.js, Express, React, PostgreSQL, and Docker — see Experience for details.

Car Reservation Web App — Full-Stack Developer

- Built a full car reservation web app end-to-end, from browsing and booking flows down to the database layer, on the PERN stack as part of a web development course.

Clinic Reservation System — Solo Developer

- Built a C# desktop app giving clinic staff a working system to manage doctors and schedule patient appointments, replacing manual booking.
- Developed independently for the Fundamentals of Visual Programming course.

EDUCATION

B.Sc. in Computer Science

Arab American University Palestine (AAUP) · 2026

SKILLS

Backend: Node.js, Express, PostgreSQL, Drizzle ORM, RESTful APIs, JWT, Zod

Frontend: React, TypeScript, JavaScript, HTML, CSS

Languages: JavaScript/TypeScript, C++, C#, Python, SQL, PL/pgSQL

Tools & DevOps: Docker, Git/GitHub, GitHub Actions (CI/CD)

Other: Unreal Engine, UML, Google Sheets, Data Analysis & Visualization

LANGUAGES

Arabic (native) · English (fluent)

CERTIFICATIONS

DataCamp Scholarship — Data Literacy Badge, AI Fundamentals Badge

Coursework: Python, SQL, Shell, Git, Google Sheets (Data Analysis & Pivot Tables), Communicating Data Insights, Data Privacy & Security, Data & AI Ethics, Understanding ChatGPT.