MOHAMMED ABDULSALAM QASIM

Mobile & Full-Stack Engineer

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PROFESSIONAL SUMMARY

Mobile and full-stack engineer with 3+ years shipping production applications end to end, from the Flutter client through FastAPI and Supabase backends to store release. Architected and delivered 6+ apps and software with some on the App Store, Google Play, and Huawei AppGallery across real estate, transportation, and business management. Also work in React Native/Expo and PHP/WordPress, and run my own infrastructure (Linux servers, Cloudflare, Docker). Specialist in Arabic-first, offline-capable software built for low-connectivity markets. Multiple-time award winner at the Salahaddin University CSIT Festival and invited speaker on mobile development at Knowledge University.

PROFESSIONAL EXPERIENCE

Chief Technology Officer | **Purattu Technology** 2024 – 2026

Baghdad, Iraq (freelance group until 2026)

- Directed all technical decisions (architecture, technology selection, engineering standards, release management) across concurrent product lines, standardizing on a monolith-first Flutter/FastAPI/PostgreSQL stack with a security baseline and mandatory tests on money, auth, and sync paths.
- Architected and delivered 6+ apps and software with some on the App Store, Google Play, and Huawei AppGallery s, including Alryahen and Purattu Towers (residential complex management).
- Built internal tools used by the company's own team and administered the company's IT infrastructure, including Linux servers and NAS storage.
- Engineered Arabic-first, right-to-left applications for Iraq's operating conditions: phone-based identity, cash-on-delivery as a first-class payment state, WhatsApp as a core product and support channel, and performance tuned for budget Android devices and intermittent connectivity.

Internal Developer & QA Tester | **Elryan** 2025 – 2026

Erbil, Iraq

- Developed internal software to improve company workflow, spanning desktop systems, a browser extension, and mobile applications.
- Tested every release build of the Elryan mobile application, identifying functional defects and security vulnerabilities through reverse engineering.

Mobile Developer Intern | **Star Sphere Co. for Telecommunications, Internet, IT & Cyber Security** Jul – Aug 2025

Baghdad, Iraq

- Built a mobile application in Flutter backed by a NestJS API, completing the client and server sides of the product during the internship.
- Designed and prototyped the application's UI and user flows in Figma before implementation.
- Awarded a Certificate of Completion by the IT Director and a training certificate by HR for professionalism and hands-on IT experience.

Mobile Developer, Technical Internship | **Lezzoo** Oct 2024 – Jan 2025

Erbil, Iraq

- Completed a three-month internship developing full-stack mobile applications.
- Applied production-grade security and performance practices to applications already published on the app stores.

TEACHING & SPEAKING

Course Lecturer | **Knowledge University, Department of Computer Science** Aug 2025

"Introduction to Mobile Development: Beginner Course"

- Designed and delivered a beginner-level mobile development course, recognized for outstanding performance as a speaker and lecturer.

EDUCATION

BSc, Computer Science | **Salahaddin University, College of Science** — Erbil, Iraq · 2026

CERTIFICATIONS & PROGRAMMES

TIEC Community Connect Virtual Exchange Program — Spring 2026

Texas International Education Consortium · with the University of Texas at San Antonio

- Virtual exchange on Water Management, Agriculture, and AI, supported by the J. Christopher Stevens Virtual Exchange Initiative (U.S. Department of State, ECA, administered by the Aspen Institute). Hosted with Forsa Organization and Salahaddin University, Certificates of Completion and Participation received.

Full Stack Web Development & Company Workflow | **Knowledge University** — 16 Aug – 13 Sep

- Training course completed with a capstone project, organized by the Department of Computer Science.

Certificate of Participation, Innovation Expo for Engineering Projects | **IEEE Iraq Section** — Apr 2025

- Held at Knowledge University, 20–21 April 2025.

CS50x: Introduction to Computer Science | **Harvard Online** — 2023

LANGUAGES

Arabic — Native · English — Fluent · Kurdish — Good