

Abed Alass

Software Engineer — Full Stack

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SUMMARY

Computer Science graduate from Beirut Arab University with hands-on experience building web and mobile applications. Built a multi-restaurant ordering platform and DiaCare, a diabetes care application for Lebanese patients, using modern full-stack technologies. Completed a software engineering internship at Telecom Beirut and seeking an entry-level Software Engineer or Full Stack Developer role.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, Java, C++, SQL, HTML5, CSS3
Frontend: React, React Native (Expo), React Router, Tailwind CSS, i18next
Backend: Node.js, Express.js, REST APIs, JWT Authentication, Zod
Databases: PostgreSQL, MySQL, MongoDB, Supabase, Mongoose
Developer Tools: Git, GitHub, Vite, Vercel, npm Workspaces
Additional: OpenAI API Integration

EXPERIENCE

Software Engineering Intern Jun 2025 – Sep 2025
Telecom Beirut · Beirut, Lebanon

- Developed React and TypeScript user interfaces and implemented Express.js REST API endpoints for the team's web application.
- Worked with MySQL databases to retrieve and manage application data while debugging, testing, and resolving issues across frontend and backend components.
- Collaborated with experienced software engineers in a Git-based development workflow and incorporated feedback through code reviews.

PROJECTS

Restaurant SaaS Platform — Full-Stack Ordering Platform 2026
Live demo: restaurant-saas-template-client.vercel.app
React · TypeScript · Vite · Tailwind CSS · Express · Supabase (PostgreSQL) · Zod · i18next

- Made every component restaurant-agnostic: branding, menus, hours, and delivery areas load from typed configuration, so onboarding a new restaurant is a data change, not a rebuild.
- Designed a modular full-stack architecture using an npm workspaces monorepo with shared TypeScript types, ensuring consistent API contracts between the client and server.
- Implemented a bilingual English/Arabic interface with RTL support, a cart, and a WhatsApp checkout flow.
- Added a JWT-authenticated admin dashboard and hardened the Express API with Zod validation and rate limiting.

DiaCare — Diabetes Care Mobile App (Bachelor's Capstone Project) 2026
GitHub: github.com/abed-eaalas/diacare-graduation-project
React Native (Expo) · Node.js · Express · MongoDB · JWT · OpenAI API

- Built a mobile app for diabetes self-management: blood-glucose logging, medication tracking, meal planning, family alert dashboard, kids mode, and text-to-speech accessibility.
- Integrated the OpenAI API on the server to generate personalized meal plans based on Lebanese cuisine and provide an AI-powered health assistant.
- Designed the backend to keep API keys secure and provide fallback responses when AI services were unavailable.

EDUCATION

Bachelor of Science in Computer Science June 2026
Beirut Arab University · Beirut, Lebanon
Relevant Coursework: Data Structures & Algorithms, Software Engineering, Databases, Operating Systems

CERTIFICATIONS

Lebanese Universities CTF 2025 — Semicolon x Google Developer Group Lebanon Jun 2025
Completed the CTF security training program and competed alongside 1,200 students from universities across Lebanon.

LANGUAGES

Arabic (native) · English (professional working proficiency)