

Ali Baiz Omer

Full Stack Developer

alibarznji50@gmail.com · 07506229190 · Erbil, Iraq · github.com/aliibarznji

ABOUT ME

Full-stack developer with hands-on industry experience building production web and mobile applications. Proficient across the full stack — Next.js, React, TypeScript on the frontend; Node.js, Express.js, and PostgreSQL on the backend; Flutter and Firebase for mobile. Graduated from UKH in 2026, with a focus on clean architecture, secure API design, and real-world deployment using Docker.

WORK EXPERIENCE

Mobile Development Intern

2025

ElectroMall, Erbil, Iraq

- Developed mobile application features using Flutter and Dart
- Collaborated with the development team on UI implementation and app functionality
- Gained hands-on experience with mobile development workflows and best practices

Full Stack Developer

Sep 2025 – Present

ElectroMall, Erbil, Iraq

- Build and ship web features using Next.js, TypeScript, Node.js, and Express.js
- Design, implement, and document REST APIs integrated with dynamic frontend data rendering
- Manage relational and NoSQL databases including PostgreSQL, MongoDB, and Firebase
- Contribute to company data integrity, internal tooling, and marketing operations support

Marketing & Client Communication

2023

Aman Insurance & SkyMarketing, Erbil, Iraq

- Handled client communications and account management in English and Kurdish
- Contributed to marketing campaigns, outreach strategy, and lead generation activities

EDUCATION

BSc Software Engineering

2022 – 2026

University of Kurdistan Hewler (UKH), Erbil, Iraq

SKILLS

Frontend

React, Next.js, TypeScript, JavaScript, HTML, CSS, Tailwind CSS

DevOps

Docker, Docker Compose, Nginx

Backend

Node.js, Express.js, REST APIs, Firebase Cloud Functions

Security

JWT, bcrypt, Zod, Helmet.js

Mobile

Flutter, Dart, Provider

Other

OOP, Data Structures, Prompt Engineering, ALPR/YOLO

Database

PostgreSQL, Prisma ORM, MongoDB, MySQL, Firestore, Firebase Realtime DB

UKH Garage — Smart Campus Parking Assistant

Univ. of Kurdistan Hewler · 2025–2026

Flutter · Firebase Cloud Functions · Node.js · Firestore · Docker · Nginx · ALPR/YOLO

Full-stack Flutter application built to eliminate campus parking friction at UKH. Users register vehicles, search number plates, and submit move requests with urgency levels, estimated arrival time, and optional photo evidence. The backend is powered by Firebase Cloud Functions with real-time Firestore listeners; the web build is containerised using Docker and Nginx for deployment.

- UKH-only access enforced via @ukh.edu.krd email validation and a custom multi-step verification flow
- Vehicle registration with normalised plate formatting, duplicate detection, and strict ownership checks
- Move-request flow with configurable urgency levels, ETA picker, and optional photo evidence upload
- ALPR/YOLO backend endpoint for automatic number plate detection and extraction from uploaded photos
- Admin dashboard with spam reporting, muting/blocking controls, and community safety enforcement tools
- Light/dark theme support, branded onboarding experience, and Docker + Nginx containerised web build

ElecVendors Dashboard — Vendor Management Platform

ElectroMall · 2025–Present

Next.js 16 · Express.js · PostgreSQL 16 · Prisma ORM · Docker Compose · Tailwind CSS · JWT

Bilingual (Arabic/English) RTL/LTR vendor dashboard built for ElectroMall, enabling vendors to fully manage their products, orders, inventory, pricing, financial settlements, and marketing campaigns. Built as a production-grade full-stack application and deployed across three Docker containers with automated database migrations on startup.

- Next.js 16 App Router frontend + Express.js REST API + PostgreSQL 16 database with Prisma ORM
- JWT authentication stored in httpOnly cookies; Zod schema validation on all write endpoints; bcrypt hashing
- Rate limiting (200 req/15 min globally, 10 on auth), Helmet.js security headers, strict CORS allowlist
- 20+ frontend pages covering orders, products, inventory, pricing, settlements, marketing, and sales reports
- CSV bulk import feature for stock and price updates; per-province delivery pricing configuration interface
- 3-container Docker Compose deployment: PostgreSQL, Express API (auto-runs migrations), Next.js frontend