

Omer Ahmed

Location: Saudi Arabia, Riyadh

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PROFESSIONAL SUMMARY

Software developer with strong expertise in backend engineering and full-stack development, experienced in building scalable, secure, and data-driven applications using TypeScript, Node.js, NestJS, and Firebase/Supabase. Proven ability to deliver real-time systems and full-featured applications with clean architecture and DevOps integration. Strong frontend knowledge using React, Next.js, and React Native enables contribution across different parts of the stack. Enthusiastic, self-driven, and highly adaptable to remote, collaborative work environments.

EXPERIENCE

Freelance Backend Software Developer

Dec 2023 – Present | Remote

- Developed full-stack web applications for clients using Next.js, Node.js, Firebase, and Supabase.
- Built robust REST APIs and backend systems ensuring performance and security. AI Trainer

Software Developer – Gezira College Of Technology (GCT)

May 2025 – Aug 2025 | Khartoum, Sudan

- Led the development of the GCT University App, a mobile application for students and faculty using React Native and Expo.
 - Implemented authentication, academic supervision, admission, and registration features integrated with Supabase backend.
 - Designed reusable UI components, custom contexts, and navigation using Expo Router to ensure scalability and maintainability.
 - Delivered communication modules including chat, notifications, and announcements for academic and administrative use.
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EDUCATION

Bachelor's Degree in Electrical and Electronic Engineering

2014 – 2019 | Gezira College Of Technology, Khartoum, Sudan

- Specialization in Telecommunication Engineering (Second Class, Division One).
 - Networking Diploma certification achieved during undergraduate studies.
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CERTIFICATIONS AND ACHIEVEMENTS

- Networking Diploma: Learned networking basics and protocols.
- Completed freelance projects, making fast and reliable backend systems.

PROJECTS

Vehicle Recovery System *Mar/2025 -Apr/2025*

- Developed a real-time web platform for tracking stolen vehicles with geospatial visualization.

Donation Platform (Full-Stack Web Application)

Dec/2024 – Feb/2025

- Developed a full-stack web application for disaster relief and crisis management, connecting donors with organizations and crisis projects.

SKILLS

Languages & Frameworks:

- JavaScript (strong), TypeScript
- Node.js, Express.js, Nest., Next.js, React, React Native, Expo
- Tailwind CSS, HTML5/CSS3

Backend & Database:

- Firebase, Supabase, PostgreSQL, MongoDB
- REST APIs, WebSocket, Firebase Admin SDK

Tools & Platforms:

- Git, GitHub, VS Code, Docker (basic), AWS (SST)
- Mapbox GL JS, PostGIS (familiar)

CORE COMPETENCIES & INTERESTS

- Problem-Solving, Debugging, and Attention to Detail
- Clear Communication and Effective Team Collaboration
- Continuous Learning and Adaptability
- Full-Stack and Backend Development
- Cloud and Distributed Systems
- Geographic Data Visualization