Ahmed Yehia Hassan Elselly

Full-Stack Engineer (Web & Mobile)   Military: Exempted
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GitHub: https://github.com/AhmedElselly . Portfolio: https://ahmedelselly.github.io/

PROFILE

Senior Full-Stack Engineer with 5+ years of experience building production-grade web and mobile systems using React, React Native, Node.js, and modern API architectures (GraphQL & REST). Specialized in real-time platforms, delivery/logistics systems, scalable backends, and complex business workflows. Strong background in designing end-to-end solutions: from frontend architecture and mobile apps to backend services, real-time communication, and data consistency. Experienced in building systems where reliability, performance, and maintainability are critical.

CORE SKILLS

Frontend: React, Next.js, React Native, Expo, Material UI, Bootstrap
Backend: Node.js, Express, NestJS (TypeScript), Laravel
APIs & Realtime: GraphQL, REST, Apollo, Socket.IO, Subscriptions
Databases: MongoDB, and Prisma, Sequelize (SQL ORMS)
Mobile & Integrations: Firebase (FCM), Geolocation, Google Maps, Thermal Printing (ESC/POS)
Others: Passport-jwt Auth, RBAC (CASL), System Design, Git, Linux

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PROFESSIONAL EXPERIENCE

Full-Stack Engineer / Team Lead – Orderat

Remote · Dec 2024 – Present

Product delivery and logistics platform serving customers, businesses, and riders through three production mobile apps and a web dashboard.

- Led development of a full-stack platform (React, React Native, Node.js, GraphQL, MongoDB) covering customer apps, rider apps, business dashboards, and admin systems.
- Architected a GraphQL backend handling authentication, role-based permissions, order lifecycle management, pricing logic, and notifications.

- Built real-time features including live order flow, status updates, and event-driven notifications using subscriptions and FCM.
- Designed and implemented a dynamic delivery pricing engine and coupon system with multi-dimensional targeting (cities, restaurants, categories, users).
- Developed scalable mobile applications with geolocation, address management, live tracking, and thermal printer integrations (including Arabic receipt formatting).
- Maintained a full admin dashboard for managing restaurants, riders, cities/zones, pricing, and operational workflows.
- Ensured strict business-logic alignment between frontend and backend (cart, pricing, delivery fees, order totals).

The Case Study and the problems that I solved going to be found here:

https://ahmedelselly.github.io/projects/multi-vendor-delivery-platform/

Senior Frontend– Youssab Tech

Apr 2024 – Jul 2024

- Led frontend development across multiple web and mobile products using React and React Native.
- Designed reusable UI systems and modernized legacy interfaces by migrating to Bootstrap 5 and structured component architecture.
- Collaborated closely with backend teams to debug APIs, optimize data flows, and stabilize authentication and business workflows.
- Mentored junior developers in React, frontend architecture, UI/UX best practices, and state management.
- Delivered production solutions including e-commerce platforms, service marketplaces, dashboards, and mobile apps.

Full-Stack Engineer – Marwan Group (Saudi Arabia)

On-site · Aug 2022 – Apr 2024

- Built a real-time online auction platform using Node.js, Next.js, MongoDB, and Socket.IO.
- Implemented live bidding engines, multi-room auctions, synchronized timers, and real-time event broadcasting.
- Developed REST APIs for auctions, authentication, bidding history, and admin operations.
- Built SEO-optimized Next.js frontend with server-side rendering and responsive UI.
- Designed secure JWT authentication and role-based access.
- Re-contracted after initial project to support Laravel teams and delivered 12 business systems including dashboards, CRMs, and management platforms.

Freelance Full-Stack Developer

2020 – 2021

Delivered multiple client systems including e-commerce platforms, dashboards, booking systems, and mobile apps.

EDUCATION

Bachelor of Law – 2019
Web Development Bootcamp – Udemy (2018)