

# Alaa Shouman

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[Gmail](#) | [LinkedIn](#) | [Github](#) | [Portfolio](#)

## Work Experience

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**React Native Full Stack Developer - 3E-Tech (Hybrid) | Beirut, Lebanon** **JAN 2025 - Present**

- **Marketplace App (Dealsy):** Built a high-traffic **Expo** application featuring real-time chat via **Socket.io** and targeted engagement using **EAS Notifications**.
- **Healthcare Platform (ChatsRX):** Developed a secure **React Native CLI** app for doctor-pharmacy interaction; implemented prescription workflows, status tracking, and automated email triggers.
- **Security & Cloud:** Architected a document verification system using **AWS S3** presigned urls for secure storage, ensuring data confidentiality for medical professionals.
- **Full-Stack POS:** Developing an **Electron/React** POS system with **TanStack Query, TanStack Router** ensuring role based routing (frontend) and **Node/Prisma/PostgreSQL** (backend) for seamless data handling.
- **Methodology:** Worked in **Agile/Scrum** environment with sprint planning, task estimation, and iterative releases.
- **Optimization:** Applied lazy loading and memoization achieving **35% faster navigation transitions**.

**Junior Frontend React Developer - KeyInHands (On-site) | Baalbek, Lebanon** **APR 2024 – DEC 2024**

- Developed a University Management System dashboard using React, **Redux-Saga**, and SQL procedures.
- Designed responsive UI templates using **React Bootstrap**, ensuring cross-browser compatibility.
- Built a mobile agenda application using **React Native, Node.js**, and MySQL.
- Collaborated on database schema design and implemented memoization to minimize re-renders.

## Technologies and Languages

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- **Mobile:** React Native (CLI & Expo), EAS, Socket.io, React Navigation, NativeWind.
- **State Management:** Redux Toolkit, Redux-Saga, Zustand, TanStack Query.
- **Frontend:** React.js, Next.js, Electron, Tailwind CSS, Material UI.
- **Backend & Cloud:** Node.js, Express, Prisma, PostgreSQL, AWS (S3, SQS), Firebase.
- **Programming Languages:** JavaScript (ES6+), TypeScript, Java, C/C++, Python.
- **Languages :** Arabic - Native , English - Intermediate

## Education and Certifications

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- **M.Sc. Computer Science**, Lebanese University. **2024 – Present**
- **B.Sc. Computer Science**, Lebanese University. **2020 – 2023**

## Projects

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**GreenLight – Driving Exam Prep | React Native (Expo), Zustand, NativeWind**

- Delivered a pixel-perfect driving exam prep app with React Native (Expo), NativeWind, and Zustand, handling complex quiz flows and progress tracking

Additional projects and details are available in the [portfolio](#)