

## Work Experience

<b>React Native Developer</b> FullStack Developer	<b>3E-TECH</b> Beirut, Lebanon	<b>JAN 2025–Present</b>
<ul style="list-style-type: none"><li>• <b>Marketplace App (Dealsy):</b> Built a high-traffic <b>Expo</b> application featuring real-time chat via <b>Socket.io</b> and targeted engagement using <b>EAS Notifications</b>.</li><li>• <b>Healthcare Platform (ChatsRX):</b> Developed a secure <b>React Native CLI</b> app for doctor-pharmacy interaction; implemented prescription workflows, status tracking, and automated email triggers.</li><li>• <b>Security &amp; Cloud:</b> Architected a document verification system using <b>AWS S3</b> presigned urls for secure storage, ensuring data confidentiality for medical professionals.</li><li>• <b>Full-Stack POS:</b> Developing an <b>Electron/React</b> POS system with <b>TanStack Query</b>, <b>TanStack Router</b> ensuring role based routing (frontend) and <b>Node/Prisma/PostgreSQL</b> (backend) for seamless data handling.</li><li>• <b>Optimization:</b> Applied lazy loading and memoization across projects, achieving <b>35% faster navigation transitions</b> and improved stability.</li></ul>		
<b>Junior React Developer</b> Frontend Developer	<b>KeyInHands</b> Baalback, Lebanon	<b>Apr 2024–DEC 2024</b>
<ul style="list-style-type: none"><li>• Developed a University Management System dashboard using React, <b>Redux-Saga</b>, and SQL procedures.</li><li>• Implemented an <b>AWS SQS</b> queuing system for backend batch processing, increasing data throughput by <b>40%</b>.</li><li>• Designed responsive UI templates using <b>Material UI (MUI)</b>, ensuring cross-browser compatibility.</li><li>• Built a mobile agenda application using <b>React Native</b>, <b>Node.js</b>, and MySQL.</li><li>• Collaborated on database schema design and implemented memoization to minimize re-renders.</li></ul>		

## Technologies and Languages

- **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.
- **Languages:** JavaScript (ES6+), TypeScript, Java, C/C++, Python.

## Education and Certifications

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| • <b>M.Sc. Computer Science</b> , Lebanese University. | <b>2024–present</b> |
| • <b>B.Sc. Computer Science</b> , Lebanese University. | <b>2020 – 2023</b>  |

## Projects and Volunteer Work

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

- Developed a high-fidelity exam preparation application using **NativeWind**, delivering a pixel-perfect, responsive user interface, Implemented **Zustand** for lightweight global state management to efficiently handle complex quiz logic and user progress tracking.