# Alaa Shouman

linkedin.com/in/alaa-shouman github.com/alaa-shouman portfolio

### **Work Experience**

**Junior React Native Developer 3E-TECH** JAN 2025-Present Frontend Developer Beirut, Lebanon

- Applied advanced optimization techniques (lazy loading, code splitting, useMemo/useCallback) that resulted in 35% faster navigation transitions.
- Leveraged **Redux Toolkit** and custom hooks to streamline state logic and enhance app performance.
- Integrated third-party APIs for real-time appointment scheduling and telehealth features, increasing user engagement by over 50%.
- Built a secure mobile app named Doctor App using React Native CLI, implementing end-to-end encryption for patient-doctor communication, ensuring full data confidentiality.
- Developed an **Electron-based Hotel Management System** with multi-platform compatibility, enhancing operational efficiency for hospitality clients by 40%.

**Junior React Developer KeyInHands** Apr 2024-DEC 2024

Frontend Developer Baalback, Lebanon

- Built a comprehensive dashboard for a University Management System (UMS) using React class components, Redux-Saga, and MySQL procedures.
- Worked with Material UI (MUI) and React Bootstrap to create responsive and modern templates.
- Optimized batch processing by implementing a queuing system using AWS SQS, resulting in a 40% increase in throughput.

**React Native Internship** KeyInHands March 2024-Apr 2024

Full Stack Developer

- Baalback, Lebanon Developed an agenda application using React Native for the frontend, Node.js, and MySQL procedures
- Collaborated in designing and building the application's database structure.
- Implemented memoization techniques to improve the application's performance.

#### Technologies and Languages

Java/JavaScript, TypeScript, C/C++, python Languages:

Technologies: MySQL, Postgres, AWS, Git, React JS, Next JS, Laravel, Redux, Redux-saga, Agile

Data structures and algorithms, GIT/GitHub, Docker, Postman, Jira, RESFUL api, JSON, XML • Other:

#### **Education and Certifications**

M.Sc. Computer Science, Lebanese University.

2024-present

**B.Sc. Computer Science,** Lebanese University

2020-2023

## **Projects and Volunteer Work**

- Adhan App implemented performance memoization and integrated push/local notifications using Firebase Cloud
- <u>Portfolio</u> integrating React JS skills with my projects and courses.