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Alaa Shouman

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portfolio

Work Experience

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

- Developed cross-platform mobile applications using **React Native**, **TypeScript**, and **Redux** for state management, ensuring 100% code reusability across iOS and Android.
- Integrated RESTful APIs with Axios for real-time data synchronization, reducing latency by 25%.
- Optimized app performance using memoization and React Native Fast Refresh, cutting load times by 30%.

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.
- Led the frontend development, focusing on clean code practices and optimizing the UI for user experience.
- 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 for the backend.
- Collaborated in designing and building the application's database structure.
- Implemented memoization techniques to improve the application's performance.

Technologies and Languages

- Languages: Java/JavaScript, TypeScript, C/C++, python
- Technologies: MySQL, Postgres, AWS, Git, React JS, Next JS, Laravel, Redux, Redux-saga, Agile
- Other: Data structures and algorithms, GIT/GitHub, Docker, Postman, Jira, RESFUL api, JSON, XML

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** where I have applied the react native advance course principles to memoiaze the application and api calls, and implemented the push notifications alongside with local notifications
- **Portfolio** integrating React JS skills with my projects and courses.