HAMZA AL-SHEIKH

Dubai, UAE | hamzash863@gmail.com | +971 (50) 673-3899 | hamzaalsheikh.app | github.com/Hamza405

linkedin.com/in/hamza-al-sheikh

Summary

Software Engineer with 4+ years of experience specializing in mobile development and 2+ years in full-stack development. Experienced in building cross-platform projects, optimizing performance, and mentoring development teams. Focused on delivering scalable, secure applications through thoughtful architecture.

Employment

Software Engineer, Elisyan Wealth Ventures   01/2023 – Present

- Led the development of a mobile app for managing finances, optimizing data processing and visualization using TypeScript, React Native, and SQLite.
- Designed and executed offline-first local database with SQLite, ensuring 100% app functionality without internet connectivity.
- Architected and deployed serverless backend using AWS Lambda, Express.js, DynamoDB, and Cognito to power mobile app functionality.
- Migrated codebase from Ionic to React Native, improving app performance by 35% and enhancing maintenance.
- Developed native modules for iOS and Android to handle AES-256 encryption and secure key pair generation.

Frontend Engineer, One It Solution   01/2022 – 01/2023

- Maintained scalable system-wide components for a restaurant management web app and implemented new features like a shopping cart system and advanced table filtering.
- Enhanced item catalogs, order management, and reporting modules, improving operational efficiency by 25%.
- Optimized state management with Redux and refactored legacy code, reducing bug reports by 15%.
- Mentored 2 junior developers through code reviews and task assignments, accelerating their progression to mid-level roles within 9 months.

Frontend Developer, Qlevar   12/2020 – 01/2022

- Implemented and updated application modules under senior engineer guidance, translating client requirements efficiently into application designs and system requirements.
- Reduced load time by over 60% by dropping Material icons and using font-based icons instead.
- Wrote comprehensive unit and widget tests, increasing code coverage to 70%.

Education

Tishreen University, Bachelor of Computer Engineering – Latakia, Syria.   09/2017 – 09/2022

Skills

Proficient: HTML, CSS, JavaScript, TypeScript, React.js, React-Native, Redux, Express.js, REST-API, SQL, SQLite, Tailwindcss, Material UI, Responsive Design, Flutter, Dart.

Familiar: Next.js, Angular, MongoDB, AWS Services, Native Android/iOS Development.

Projects

- **Elisyan App:** (React-Native, SQLite, AWS) A private global finance app offering secure, real-time wealth insights with built-in encryption and offline-first architecture.
- **Bir-Yer-Ayirt:** (React, React-Native, Redux) A management system for hospitality venues featuring booking, dashboards, mobile app, and user-friendly design.
- **Qlevar:** (Flutter) Restaurant Management System – a powerful solution for managing orders with a sleek digital menu, accessible from any device by barcode scan, which does not require app installation.