

Omar Al Obaji

Software Engineer

Email: obajiomar@gmail.com

LinkedIn: Omar Al Obaji

Mobile: +961 81408193

EXPERIENCE

- **JumpCloud** Remote
Software Engineer III *December 2022 - Present*
 - Led development and maintenance of a decentralized, socket-based Password Manager using Electron, React, Vue, TypeScript, Node.Js, and RealmDB, securing authentication processes for 70k+ users.
 - Optimized legacy Node.js code, reducing runtime by approximately 20 minutes and minimizing app re-renders.
 - Engineered custom behavior by leveraging Electron's process modules and event listeners.
 - Led the development of 20+ features, enhancing app performance and structure.
 - Revamped legacy frontends: migrated a React-based app to Vue.Js, completed a Vue 3 redesign, and launched a new Vue 3 frontend from scratch, improving maintainability and user experience.
 - Resolved OS-specific bugs across Windows, MacOS, and Linux platforms.
 - Built and maintained GitHub Actions CI/CD pipelines, automating multi-platform builds and deployments across Windows, macOS, and Linux.
 - Applied Go (GoLang) with GORM and gRPC to design and implement backend services, delivering efficient, type-safe APIs behind feature flags for production rollout.
 - Addressed 200+ security vulnerabilities via Dependabot and patches.
 - Managed customer support escalations (calls + tickets), delivering timely resolutions and improving user satisfaction.
 - Settled critical OS-specific production incidents using Power Shell, Bash, and troubleshooting research.
 - Mentored and onboarded new team members, fostering knowledge sharing and team integration.
- **Lemonade Fashion** Hybrid
Mobile & Full Stack Engineer *August 2021 - December 2022*
 - Developed mobile and web applications using React Native, React.Js, Python Flask, SQL Alchemy, and PostgreSQL.
 - Implemented functional components, Contexts, and React Hooks for efficient code structure and state management.
 - Worked with xCode and Gradle to configure and deploy React Native applications.
 - Integrated payment, authentication, and analytics APIs, expanding product capabilities and improving user retention.
 - Owned full app life-cycle, from development to App Store/Play Store deployment, ensuring smooth updates and feature roll-outs.
 - Implemented zero-downtime deployment strategies, maintaining uninterrupted service availability.
 - Identified and addressed production bugs, sustaining application stability and performance.
 - Collaborated in a 6-person startup team, delivering features under tight deadlines using Agile (Scrum).
 - Designed, developed, and deployed multiple features across mobile and web platforms.
 - Contributed extensively to the Lemonade Fashion Application, working on all stages of development using React Native.
 - Partnered with product managers to translate user requirements into technical specifications, influencing feature roadmap.
- **BEPA** Freelance
Freelance Mobile Engineer *April 2022 - October 2022*
 - Built a sustainability tracking app from scratch using React Native, collaborating with UI/UX designers to refine design and logic.
 - Deployed application on AWS EC2 with NGINX and WSGI, ensuring reliable performance.
 - Maintained builds across iOS (Xcode) and Android (Gradle) platforms.

PROJECTS

- **Project Eirene - Therapeutic AI (Final Year Project)** Created a therapeutic AI app to connect users with therapists, utilizing ReactJS, ExpressJS, Python, NodeJS, and MongoDB (January '22).

EDUCATION

- **Beirut Arab University** Beirut, Lebanon
Bachelor of Science - Computer Science *June 2022*

TECHNICAL SKILLS

- **Languages:** JavaScript (ES6+), TypeScript, Golang (GORM), Python (Flask)
- **Frontend:** ReactJS, React Native, VueJS (Vue2/Vue3), Redux, Pinia, Context API, React Hooks
- **Backend:** NodeJS (Socket.IO, Express), gRPC, REST APIs
- **Databases:** RealmDB, SQL, NoSQL(MongoDB), PostgresQL
- **Build Tools:** Webpack, Vite
- **DevOps/Cloud:** AWS (EC2, S3), GitHub Actions CI/CD, Linux, NGINX, WSGI
- **Other:** Electron, Unix, Cross-platform debugging (Windows, MacOS, Linux)

LANGUAGES

- **English:** Fluent — **Arabic:** Native