

Mohammad Yazbeck

SOFTWARE ENGINEER

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Summary

Fresh Graduate Software Engineer with a solid foundation in web application development and system analysis. Experienced in building full-stack solutions using React, Tailwind CSS, and Express.js, with a focus on performance optimization and seamless user experiences. Proficient in modern development tools like Redux, React Query, and Supabase. Seeking to apply my technical expertise and problem-solving skills in a dynamic tech environment. Fluent in Arabic and advanced in English.


Education

Arab International University

2018 - 2024

Major: Software Engineering - GPA: 73% (Equivalent to 2.65/4.0)

Project Experience

- **Digicom – Request Management Solution (Full-Stack Developer)**
 - Admin Dashboard: Developed with React and Tailwind CSS, facilitating real-time request management (accept/decline, photo downloads, Excel export). Notifications implemented via FCM for real-time alerts (foreground and background via service worker).
 - Client App: Built with React Native (Expo) for users to submit requests with photos, track status, and receive FCM notifications on status changes.
 - Backend: Implemented with Express.js, PostgreSQL, and Prisma, leveraging JWT authentication and Multer for file uploads. Notifications managed with FCM Admin.
 - Deployment: Initially deployed to Render, with planned migration to DigitalOcean for enhanced scalability.
 - Impact: Automated the request handling process, reducing manual intervention by 60% and improving operational efficiency.
- **A-Gadget – Modern Web Application (Full-Stack Developer)  Demo**
 - Developed a responsive web app using React, Vite, and Tailwind CSS.
 - Integrated Supabase for user authentication and database management
 - Optimized data fetching with React Query and managed state with Redux Toolkit.
 - Deployed the app to GitHub Pages, ensuring smooth and efficient performance.
 - Implemented real-time notifications using react-hot-toast and react-loader-spinner for loading states.
- **GymenAi – Gym Management System (Front-End Developer, System Analyst)**
 - Led front-end development using React, Tailwind CSS, and TypeScript. Managed state using Context API and Axios.
 - Developed key system diagrams (Use Case, Block Diagram, ERD, Data Flow) to support system analysis and design.
 - Delivered a user-friendly interface and ensured efficient back-end integration.
- **Gained hands-on experience through multiple coursework projects.**
 - Become familiar with Styled Components and CSS Modules.
 - Proficient in Redux with Thunks and React Query.

- Gained familiarity with Supabase for backend services.
- Learned and implemented optimization techniques and advanced React development patterns.
- **DigiCard – Digital Business Card Application (Front-End Developer, System Analyst)**
 - Developed the front-end using Flutter and GetX for state management, implementing features like QR code scanning and NFC read/write.
 - Overcame integration challenges, resulting in a smooth user experience.
 - Created comprehensive system diagrams, supporting overall system architecture.

Skills & Abilities

- **System Analysis and Design**
 - Extracting functional requirement
 - Building corresponding diagrams
 - Familiar with software process models
- **Technical Skills**
 - Front-End: React, React Native (Expo).
 - Back-End: Express.js, Axios, REST APIs, Supabase, Prisma, SQLite, PostgreSQL
 - Full-Stack: Next.js
 - State Management: Redux with Thunks, React Query, Context API, GetX
 - Languages: JavaScript, TypeScript, Python, C#
- **Other Skills**
 - Mindfulness: Ensures high-quality, bug-free code by meticulously reviewing and testing each component.
 - Collaborator: Effectively collaborates with team members to achieve project goals.
 - Adaptive Person: Quickly adapts to modern technologies and methodologies.

Professional Development

Courses

- CSS - The Complete Guide 2022 (incl. Flexbox, Grid & Sass). 🎧
- Modern JavaScript (Complete guide, from Novice to Ninja). 🎧
- Learn React. 🎧
- Next.js 15 & React - The Complete Guide. 🎧
- The Ultimate React Course 2024: React, Redux & More. 🎧
- Flutter - **Self- Taught via Documentation.**
- Expo (React Native) - **Self-Taught via Documentation.**

