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).
  - State Management: Redux with Thunks, React Query, Context API, GetX
  - Back-End: Express.js, Axios, REST APIs, Supabase, Prisma
  - 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) - Maximilian Schwarzmuller.
- Modern JavaScript (Complete guide, from Novice to Ninja) - Shaun Pelling.
- Learn React by - Bob Ziroll.
- The Ultimate React Course 2024: React, Redux & More - Jonas Schmedtmann.
- Flutter - Self-Taught via Documentation.
- Expo (React Native) - Self-Taught via Documentation.