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Professional Summary

Motivated Computer Science student and freelance developer passionate about creating scalable web and mobile applications. Experienced in MERN stack, React Native, JavaScript, TypeScript, Express.js, and Sequelize, with a portfolio including a virtual museum website for a renowned artist, a movie recommendation system, and the "SmarHR" mobile application. Proven ability to solve complex problems with innovative solutions and seeking to contribute to a dynamic team at a progressive company.

Professional Experience

Freelance Developer Self-Employed | March 2023 – Present Aaramoun, Mount Lebanon (Remote)

- Developed a diverse portfolio of web and mobile applications for various clients, utilizing technologies such as the MERN stack (MongoDB, Express.js, React, Node.js), React Native, JavaScript, TypeScript, and Sequelize.
 - Engineered full-stack solutions, encompassing server-side logic and API development with Node.js and Express.js, alongside building dynamic and responsive user interfaces with React, EJS, and other modern frameworks.
 - Successfully integrated third-party APIs to enhance application functionality and user experience, including payment gateways and other external services.
 - Managed client projects from initial consultation and requirement gathering through to development, testing, and deployment, consistently meeting deadlines and quality expectations.
 - Key projects delivered include the "SmarHR" mobile application, a virtual museum website for artist Majd Ramadan, and a MERN-based movie recommendation system.
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Projects

SmarHR: Mobile-First HR Platform *As part of BSc in Computer Science Capstone Project*

- Developed "SmarHR," a comprehensive mobile-first human resources platform designed to replace inefficient manual HR processes with an AI-enabled, cloud-native solution.
- Engineered the application using **React Native** (TypeScript) for cross-platform (iOS/Android) compatibility, with a backend powered by **Node.js/Express.js** and **MongoDB**.
- Implemented core functionalities:
 - Secure user sign-in/sign-up with **JWT authentication** and role-based access control (HR & Employees).
 - Task assignment and progress tracking.
 - **GPS-verified** employee check-in/checkout system limited to working hours.
 - Issue reporting, leave requests, and announcement features.
 - Real-time notifications for important updates.

- Integrated an **AI-powered chatbot using Microsoft Azure services** for HR-related queries.
- Ensured data security through JWT authentication, encryption of sensitive data at rest and in transit, and strict role-based permissions.
- Addressed and resolved challenges including Azure AI service integration, balancing GPS accuracy with user privacy, and ensuring reliable cross-platform notifications.

Movie Recommendation System

- Developed a full-stack movie recommendation platform using the **MERN stack** (MongoDB, Express.js, React, Node.js), featuring intelligent movie suggestions powered by **Python** algorithms.
- Implemented secure user authentication (sign-in/sign-up), a dynamic commenting system for user engagement, and advanced filtering options to refine movie selections.
- Designed and built a responsive and interactive user interface with React, focusing on a seamless and engaging user experience.

Library Management System Website

- Developed a web-based system for managing library resources, featuring book inventory, member management, and borrowing functionalities.
- Utilized **Express.js** for backend logic, **EJS** for dynamic server-rendered front-end views, and **Sequelize** for database management with a relational database.

Education

Bachelor of Science in Computer Science University of Balamand, Souk El Gharb, Aley District, Mount Lebanon *Graduated: Spring 2025*

Technical Skills

- **Programming Languages:** JavaScript, SQL, HTML, CSS, Java, C++, TypeScript, Python
- **Frameworks & Libraries:** React, Express.js, Node.js, EJS, React Native (Expo), Sequelize
- **Databases:** MongoDB, MySQL, Sequelize
- **Tools & Platforms:** Git, GitHub, Microsoft Azure (Azure AI Services, Azure Functions), JWT

Additional Information

- **Civil Defense Volunteer** (Late 2022 – Present)
 - Actively participate in emergency response operations, including fire suppression, rescue missions, first aid delivery, and disaster response training.

Languages

- **Arabic:** Fluent
- **English:** Fluent