ADAM WISSAM DAKDOUK

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PROFESSIONAL SUMMARY

Computer Science graduate and freelance Full-Stack Developer with experience in building scalable web and mobile applications. Passionate about solving complex problems through innovative technologies, with a strong interest in Artificial Intelligence and its practical applications.

SKILLS

Frontend: React, React Native, TypeScript, JavaScript, HTML, CSS

Backend: Node.js, Express.js, APIs, JWT

Databases: MongoDB, MySQL

Tools & Platforms: Git, GitHub, Microsoft Azure, Postman

KEY PROJECTS

SmartHR: Smarter HR, Stronger Teams
React Native | Node.js | MongoDB | Microsoft Azure AI Services | TypeScript

- Developed a mobile HR platform streamlining processes with AI-powered features including task management, GPS-verified attendance, issue reporting, and an intelligent chatbot for HR queries
- Integrated Azure AI Services for natural language processing and planned AI-driven employee performance analytics
- Implemented JWT authentication and RESTful API architecture for secure, scalable backend operations

Movie Recommendation System
MERN Stack | Python | Machine Learning

- Built an intelligent web platform with Python-powered recommendation engine analyzing user preferences to deliver personalized movie suggestions
- Developed user authentication system, commenting features, and content filtering capabilities using MongoDB for data persistence

Lebanese Civil Defense Station Management System
MERN Stack | TypeScript | MongoDB

- Designed and deployed a comprehensive web-based management system digitizing daily operations for missions, shifts, and personnel tracking
- Implemented automated monthly reporting with export functionality (PDF/Excel), dynamic working hours calculation, and team-based access control for three operational teams
- Developed in collaboration with station leadership, replacing paper-based processes with real-time data management and historical record preservation

EXPERIENCE

Freelance Full-Stack Developer   *March 2023 - August 2024*
Remote

- Designed, developed, and deployed modern web and mobile applications using the MERN stack and React Native
- Delivered 3+ full-scale projects, integrating RESTful APIs, AI-based services, and optimized database structures
- Focused on scalable architecture, clean UI/UX, and efficient backend performance

EDUCATION

Bachelor of Science in Computer Science   *August 2021 - May 2025*
University of Balamand, Lebanon

CERTIFICATE

Natural Language Processing with Classification and Vector Spaces
Implemented sentiment analysis using logistic regression, naïve Bayes, and word vectors. Skills: TensorFlow, Supervised Learning, Feature Engineering, Text Mining, Probability & Statistics

ACTIVITIES

Civil Defense Volunteer   *Since 2022*
Active participant in emergency response operations, providing critical support during medical emergencies and rescue missions

LANGUAGES

English: Fluent   **Arabic: Native**