OSAMA HUSSEIN

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SUMMARY

Senior computer science engineer, experienced in full-stack web app development, mobile applications, game development, and process automation. Passionate about building innovative, user-focused solutions that enhance experiences and solve real-world problems.

EDUCATION

B.S. in Computer Science   Graduating Jun 2024
Nahda University, Bani Sweif, Egypt   3.15 GPA
Relevant coursework: Software/Hardware Design, Programming Languages, Programmable Logic

TECHNICAL SKILLS

Frameworks: NextJs, ReactJs, NodeJs, ExpressJs, React Native
Programming: Javascript, Typescript, C#, Python, HTML, CSS, Liquid
Databases: MongoDB, SQL
Tools/**Platforms:** Jet Admin, Airtable, Webflow, Shopify, Make.com
Certifications: Udacity React Development Cross-Skilling - Nov 2022, Databases SQL Server and C# - Feb 2021.

PROFESSIONAL EXPERIENCE

Makan Design, Remote: Fullstack developer   Jul 2024 – Present
- Rebuilt an automation pipeline in Node.js to sync products from Airtable to Shopify, replacing Make.com, resulting in significant cost savings and improved performance.
- Developed a custom CRM using Jet Admin, enabling staff to manage leads efficiently.
- Edited and optimized Shopify themes and managed multiple Shopify apps to streamline e-commerce operations.
- Built the company website using Webflow, integrating modern design principles and responsive functionality.

Khamsat, Fiverr, Online: Freelancer   May 2020 – Sept 2023
- Delivered 80+ projects focused on building custom Discord API bots using Node.js.

ACADEMIC PROJECTS

Modern IOT Smart Home Automation Guard System   Fall 2023 – Spring 2024
- Developed a React Native app for real-time device control and security alerts.
- Integrated motion, window, and RFID detection systems with live notifications and historical logs.

RELEVANT PROJECTS

Moltzim – Freelancer Platform   June 2023
- Full stack development of a freelancer platform with Next.js (front end) and Node.js (back end), featuring real-time communication, admin and user dashboards, and integrated payment processing.

The Ranch – Unity 3D Game   July 2023 - Dec 2023
- Developed a Unity 3D ranch simulation game in C# with AI-driven animal management, trading, and auction systems.

Muslim Bank – Quran and Azkar Mobile App   Jan 2023 - Feb 2023
- Built an ad-free mobile app offering Quran, Azkar, prayer times, and a media player for 150+ reciters; published on Google Play.

ACTIVITIES

ISF Innovation Catalyst Competition   Jun 2022 – Mar 2023
- Led a team of 11 and developed a real-time train tracking and ticket booking app using Kotlin.
- Nominated as one of the top 40 teams in the competition.