OSAMA HUSSEIN

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SUMMARY

Senior computer science engineer with experience developing full-stack websites, mobile applications, and Games. Passionate about using technology to make a positive impact, and committed to creating innovative solutions that enhance people's lives.

EDUCATION

B.S. in Computer Science   Graduating Jun 2024
Nahda University, Bani Sweif, Egypt   3.12 GPA
Computer Science
Relevant coursework: Software and Hardware Design Languages and Programmable Logic

TECHNICAL SKILLS

Frameworks: NextJs, ReactJs, NodeJs, ExpressJs, React Native
Programming: Javascript, Typescript, C#, Python, HTML, CSS
Databases: MongoDB, SQL
Certifications: Udacity React Development Cross-Skilling certification – Nov 2022, Databases SQL Server and C# - Feb 2021

PROFESSIONAL EXPERIENCE

Khamsat, Fiverr, Online: Freelancer   May 2020 – Sept 2023

- Completed and delivered more than 80 projects for building Discord API bots using NodeJs

ACADEMIC PROJECTS

Modern IOT Smart Home Automation Guard System   Fall 2023 – Spring 2024
Collaborated with a team of 5 to design and develop a smart home guard system with full control through a mobile application.

- Created a user-friendly React Native application for real-time data visualization, device control, and security alerts.
- Developed motion detection, window detection, and RFID-based security systems to manage and log access functionality, providing instant notifications and historical logging.

RELEVANT PROJECTS

Moltzim – Freelancer Platform   June 2023 - Present
Worked as a full stack developer to create a freelancer platform.

- Developed the front-end using NextJS and the back end with NodeJS.
- Implemented real-time communication, admin dashboard, user dashboard, and payment integration.

The Ranch – Unity 3D Game   July 2023 - Dec 2023
Developed a complete game using Unity 3D and C#.

- Created a simulation game for ranchers managing animals and trading goods.
- Developed the game's AI behavior, trading, and auction systems.

Muslim Bank – Quran and Azkar Mobile App   Jan 2023 - Feb 2023
Built a mobile app to provide ad-free Quran and Azkar services.

- Developed a media player for over 150 reciters, including the full Quran, prayer times, and Azkar.
- Enhanced skills in Typescript and published the app on Google Play.

ACTIVITIES

ISF Innovation Catalyst Competition   Jun 2022 – Mar 2023
Project manager and developer for Egyptian train system solution.

- Organized and managed a team of 11 members throughout the competition period team and assigned roles to every member
- Developed a user-friendly Kotlin application for real-time train tracking and ticket booking.