

# OSAMA HUSSEIN

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## SUMMARY

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

## EDUCATION

### B.S. in Computer Science

Nahda University, Bani Sweif, Egypt

Computer Science

Graduating Jun 2024

3.12 GPA

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 five 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.