

Omar Mohamed Abdelkareem Ilpa

Software Engineer | Full Stack Web Developer

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PROFESSIONAL EXPERIENCE

Software Engineer, *Spiritual Data (part-time)*

09/2025 – Present

Remote (USA)

- Developed core product features and public-facing pages, improving functionality.
- Supported feature testing, deployment, and code maintenance to ensure reliability.
- Contributed to chatbot improvements and user experience enhancements.
- Collaborated remotely with the engineering team using agile-style check-ins.

Frontend & Backend Developer, *Tamayoz Real Estate Company (Freelance)*

04/2025 – 05/2025

Alexandria, Egypt

- Developed a full-stack property management system for a real estate company
- Built an admin dashboard with full CRUD functionality and a dynamic property show page
- Implemented mobile-friendly UI using React and Tailwind CSS
- Built secure RESTful APIs with Express.js and MongoDB for property data handling
- **Tech Stack:** React, Tailwind CSS, Node.js, Express.js, MongoDB

PROJECTS

Property Management System (JWT Auth)

- Developed a **full-stack property management web application** from concept to deployment.
- Built an **admin dashboard** with full **CRUD functionality**, search, and a dynamic property show page
- Implemented a **responsive, mobile-friendly UI** using **React.js** and **Tailwind CSS** for cross-platform optimization
- Engineered **secure RESTful APIs** with **Express.js** and **MongoDB** for scalable data storage and retrieval
- **Tech Stack:** React, Tailwind CSS, Node.js, Express.js, MongoDB, JWT

Notes App

- Developed custom signup/login flow with email verification
- Protected user sessions with JWT; each user accesses only their own notes
- Implemented full CRUD functionality with search capability
- Designed responsive, mobile-first UI using Tailwind CSS

Tech Stack: React, Node.js, Express.js, MongoDB, Tailwind CSS, JWT

Library App

- Users can create authors and link books to each author
- Each author has a show page displaying their associated books
- Added search and filtering for better data navigation

Tech Stack: Node.js, Express.js, EJS, MongoDB

Live Chat App

- Used WebSockets to enable instant messaging across rooms
- Users join chat rooms and send/receive messages in real-time
- Implemented system notifications for user join/leave events
- Created a responsive frontend with React

Tech Stack: React, Node.js, Express.js, WebSockets

SKILLS

Front-End, React.js, Tailwind CSS, HTML & CSS, Javascript, **Back-End**, Java, ExpressJs (NodeJs), SpringBoot, Python, Node Js, REST APIs, TypeScript, Web Sockets, **Databases**, MongoDB, MySQL, **Other**, JWT Authentication, Git, AWS (EC2), Linux

COURSES

ReactJs, Maximilian Schwarzmüller, Udemy

ExpressJs, Web Dev Simplified, YouTube

MongoDB, Web Dev Simplified, YouTube