

# MUAZ AHMED

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Software Engineer eager to build impactful full stack web and mobile applications. Strong foundation in modern tech stacks including frontend, backend, and databases, with a drive for continuous learning and problem solving.

## Education:

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**BS Software Engineering** - University of Management and Technology (2021-2025)

**Core Subjects** - OOP, DSA, Database, Operating System, Computer Network

## Skills:

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- **Frontend:** React.js, Next.js, Tailwind CSS, React Native (Expo), Zustand
- **Backend:** Node.js, Express.js, JavaScript, TypeScript, Fast API
- **Database:** PostgreSQL, MongoDB, Firebase, Supabase
- **DevOps & Deployment:** GitHub, Vercel, Netlify
- **AI/ML:** LangChain, Hugging Face Inference API, Fast API
- **Automations:** n8n

## Experience:

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### Vaival Technologies – Associate Software Engineer (Open Stack) (Aug 2025 – Present)

- Working on full-stack web applications with a focus on scalable and secure solutions.
- Designing and implementing RESTful APIs and backend services using Node.js+Express and Fast API.
- Optimizing database schemas and queries for MongoDB to ensure efficient data handling.
- Developing responsive, user-friendly front-end interfaces with React and integrating them seamlessly with backend services.

### Freelancer – Full Stack Developer - Aug 2024 - Aug 2025

- Developed and deployed a mobile app with Supabase backend, implementing authentication and real-time data sync for seamless user experience.
- Built a Node.js backend service with REST APIs, enabling secure data flow and modular, scalable architecture.
- Designed optimized database schemas that improved query performance and streamlined data handling.

## Projects:

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### Legal Eviction Management System (LEMS)

LEMS is a legal automation platform for U.S. property owners that handles eviction workflows by syncing rental data from Yardi, detecting unpaid balances, generating legal notices, and preparing court case data automatically.

#### My Role:

- Built both the frontend and backend of LEMS using Next.js and FastAPI.
- Integrated Yardi data using scheduled cron jobs, implemented API endpoints, designed database flow, created dashboards, forms, and automated workflows for legal notices and case creation.
- **Technologies:** Next.js, javascript, TaiFastAPI, Next.js, TypeScript, Tailwind CSS, Cron Jobs, REST APIs, PostgreSQL

### Coverify – Roofing Verification System (Mobile App)

Coverify is a roofing verification platform that validates roof conditions according to IBHS Fortified standards. Users upload required photos for Fortified, Silver, and Gold levels, AI analyzes the images, and the system guides users through completing certification steps

#### My Role:

- Developed the mobile app using React Native (Expo) with Firebase backend.
- Implemented photo upload flows, AI analysis integration, Firebase Cloud Functions, authentication, real-time updates, and Expo push notifications.
- Built logic for category-based checklists (Fortified/Silver/Gold) and automated verification workflows.
- **Technologies:** React Native (Expo), Firebase, Firebase Cloud Functions, Firestore, Expo Push Notifications, TypeScript

### MindCraft AI

MindCraft AI is an AI-powered mental health platform that provides personality analysis, emotion detection, and personalized therapy tools through voice, text, and facial inputs.

#### My Role:

- Built and deployed the frontend of Mindcraft AI using Next.js, TypeScript, Tailwind CSS, React Query, REST APIs.
- React Hook Form, Cloudinary, Vercel (Deployment)
- **Technologies:** Next.js, javascript, Tailwind CSS, React Query
- **Web Link:** <https://mindcraftai.vercel.app>

## Savage Club (Mobile app)

A dynamic platform for off-road enthusiasts in the UAE, enabling marshals to create trips, members to join based on ranks, and features such as a rating system, ranking system, push notifications, and accident reporting. Includes an admin panel for platform management.

### My Role:

- Built and deployed the mobile app and admin panel using React Native (Expo), Supabase, and Google Maps. Integrated push notifications (FCM), trip management features, and ranking system to deliver a seamless user experience.
- **Technologies:** React, React Native, Expo, Supabase, Google Maps, Vercel, FCM, APNs
- **IOS App Link:** <https://apps.apple.com/us/app/savage-club/id6737808934>

## Premier Management Consultancy

A recruitment company that provides hiring services for both tech and non-tech roles, helping businesses connect with the right talent efficiently.

### My Role:

- Built a responsive recruitment website using React.js, TypeScript, and Firebase, featuring secure authentication and real-time data handling. Focused on delivering a clean UI, smooth user experience, and scalable architecture.
- **Technologies:** TypeScript, React.js, Firebase
- **Web Link:** <https://www.premier-consultants.net>

## Fintiate

A web platform designed for trading firms with secure authentication, dynamic content management, and real-time market insights.

### My Role:

- Built and deployed the backend for Finiciate using Node.js, TypeScript, Express, and MongoDB with secure auth, CRUD
- APIs, and trading-specific features like market posts and trade updates.
- **Technologies:** Node/Express.js, MongoDB, TypeScript, Heroku, AWS S3
- **Web Link:** <https://fintiate.vercel.app/>

## Gift Giver Admin Panel

An admin dashboard for managing Gift Giver, a mobile application that provides personalized gift recommendations based on user personality traits and preferences. The panel allows administrators to upload gift data via Excel files or forms, manage users, and handle other admin tasks.

### My Role:

- Implemented secure Firebase authentication for admin access, created Excel upload + form-based gift entry features, integrated Firestore for real-time data storage, and built a responsive UI with React + TypeScript for smooth admin operations.
- **Technologies:** React, Typescript, Firebase(auth, firestore), vercel(deployment)
- **Web Link:** <https://gift-giver-admin.vercel.app/>

## Savage Club Admin Panel

An admin dashboard for Savage Club, a mobile application for organizing and managing adventure trips and activities. The panel enables administrators to manage users, oversee trips, send custom notifications, and handle activity ratings.

### My Role:

- Implemented secure Supabase authentication for admin access, built features to manage/close trips and update statuses, enabled sending custom notifications, and integrated a rating system to adjust member scores directly from the dashboard.
- **Technologies:** React, Typescript, supabase, vercel(deployment)
- **Web Link:** <https://savage-club-admin.vercel.app>

## Interest:

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- Full-stack web & mobile application development (MERN, React Native) Cloud integrations & deployment (AWS, Vercel, Heroku)
- Backend architecture & API design (Node.js, Express, Supabase, Firebase).
- AI & machine learning integrations in real-world applications Responsive UI/UX design and performance optimization Scalable database solutions (MongoDB, PostgreSQL, Firestore) Open-source contributions and collaborative coding