

# ABDUL RAHMAN HUSSAIN SIDDIQUE

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## PROFESSIONAL EXPERIENCE

### Goodz

*Software Developer*

July 2023 – Dec 2024

Hyderabad, India

- Engineered a **high-performance web component** to display thousands of data records, implementing virtualization, multi-level grouping, sorting, and **WCAG accessibility**, achieving a **90% improvement in load times** over third-party libraries.
- Collaborated with cross-functional teams to implement a **personalized catering recommendation algorithm**, suggesting menu bundles based on event size and preferences, resulting in a **25% increase in average order value**.
- Owned the end-to-end migration** of a legacy frontend to a modern **Angular framework** and integrated **real-time order tracking** using **WebSockets**, improving system scalability and maintainability.
- Spearheaded a **React Native mobile app overhaul**: improved UI/UX, integrated **Firebase push notifications**, resolved **Android keystore signing errors** for release, and **reduced APK size** with ProGuard.

## SOFTWARE PROJECTS

### Youro Telehealth Mobile App (Client Project) | React Native, REST API, Java Sep 2025 – Ongoing

- Designing high-fidelity mockups in Figma** and **leading the frontend development** of a **production-ready React Native app** for a **US telehealth startup**, translating designs into pixel-perfect, responsive UI components.
- Engineering the complete frontend API integration** with a **Java Spring Boot backend**, implementing a secure **JWT authentication flow** and managing all **asynchronous data** for patient dashboards, appointment scheduling, and care plans.

### Lock-IN 🌐 [lockin.nyc](https://lockin.nyc) | Python, Flask, Gemini AI, Google Calendar API

Nov 2025

- Architected a full-stack AI focus coach** using **Python (Flask)** and a **Gemini Generative AI backend** to classify new tasks, **predict procrastination risk**, and deliver real-time, adaptive coaching insights.
- Engineered a **bidirectional, conflict-resolving Google Calendar sync** using Google OAuth and integrated a **smart notification system** using the browser Notification API to protect user focus streaks.

### HealthAI Connect 🌐 | Python, Flask, NLP, REST API

Nov 2023

- Designed and built a **full-stack healthcare platform** with a **Python/Flask backend**; integrated **ML and NLP models** to power a **diagnostic and medication suggestion service**.
- Engineered a **robust REST API** to support a patient-provider system, including an **NLP-driven chatbot** and a real-time appointment scheduling interface built with JavaScript.

### Clarity Planner 🌐 | Firebase, Vanilla JS, Event-Driven Architecture

Aug 2025

- Engineered a **real-time, event-driven scheduling application** using **Google Firebase** as a NoSQL backend, enabling **instantaneous cross-device data synchronization** through a live listener.
- Wrote **high-quality vanilla JavaScript** to build a complex, interactive UI from scratch, demonstrating **strong CS fundamentals** and an ability to manage state **without a framework**.

## EDUCATION

### University at Buffalo - The State University of New York

*Master of Science: Computer Science*

Jan 2025 – Expected May 2026

Buffalo, NY

## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, Python, Java, SQL, HTML/CSS

**Systems & Backend:** Node.js, Express, Docker, Firebase, Webhooks

**Frontend:** React, React Native, AngularJS, Three.js

**Developer Tools:** Git, Postman, Figma, Jest, Cypress, Cursor, Windsurf

## CERTIFICATIONS

- Web Development Bootcamp - Udemy (Angela Yu)
- DSA Essentials Bootcamp - GDG MAD & LetsUpgrade