

# MD ADNAN SAMI

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## EDUCATION

### Osmania University

Bachelor of Engineering in Computer Science- 80%

2020–2024

Hyderabad

### Sri Chandra's Junior and Degree College

Intermediate/High School- 95.6%

2018–2020

Hyderabad

## EXPERIENCE

### Bean

Software Developer

Nov 2024 - Current

Remote

- Built and scaled the complete **meal planning system**, including auto pantry sync and family member plan sharing using classes and interfaces to keep code modular and writing unit tests in Jest
- Engineered reliable **push notifications** using **Expo**, **Amazon SQS**, and **AWS Lambda**, ensuring timely delivery for reminders and updates with **100% delivery success** across platforms.
- Enhanced the **AI-powered recipe generator and chatbot** with **function calling** to manage pantry, shopping lists, and expired ingredients—reducing manual user effort by **50%** and cutting ingredient waste by **60%**.
- Developed **smart import functionality** that converts **Instagram reels**, recipe blog links, and gallery images into structured recipes—streamlining content capture and personalization. Built it as modular, reusable components and enforced quality through peer code reviews. Also implemented **caching** for faster processing, integrated **search with debouncing**, and reduced **duplicate ingredients by 60%** (from 50,000 to 20,000) to improve performance and accuracy.

### Radise India Pvt Ltd

Jr Fullstack Developer

Aug 2024 - Nov 2024

Hyderabad

- Integrated Mapbox, migrated 3D layers rendering from threejs to Decl.gl for 3D buildings rendering on maps reducing **60% load time** and **40%** optimization, additionally implemented Custom PDF generation functionality with map snapshots
- Built an **MQTT connection interface** to stream **real-time sensor data**, enabling **continuous monitoring** and **frequency adjustments** through the admin dashboard for better control and system flexibility.
- Developed REST APIs and user interfaces for managing changelogs and version control, migrating from Markdown-based systems to scalable web solutions.

## TECHNICAL SKILLS

**Languages Paradigms:** Javascript, TypeScript, OOP, SOLID principles, Python, Java, HTML, CSS, Go, MySQL.

**Libraries/Frameworks:** React, Next, React Native, Node js/Express, Bootstrap, Tailwind CSS, Material UI, Firebase, Supabase, React Testing Library, Jest, GitHub Actions

**Course Work:** Data Structures and Algorithms, Networking, Operating Systems, Object Oriented Programming, Database Management Systems.

**Developer Tools:** VS Code, Git/GitHub, Figma, Vercel, Aws.

**Others:** Problem Solving, Public Speaking, Project Management, Communication skills.

## PROJECTS

**CourseStack** | *React.js, Redux, MongoDB, Express, Nodejs, Tailwind, RestApi* 📄

- Developed a feature-rich MERN application with modular, reusable components—enabling users to register, purchase courses, watch videos, and engage with likes/comments
- Integrated Razorpay for streamlined payment processing, facilitating easy access to premium content for users

**Eagle's Store** | *React.js, Redux, CI/CD, Docker, AWS, PWA* 📄

- Crafted a responsive ecommerce store app with a robust search feature, and filtering, allowing users to quickly locate desired products improving user experience by **20%**.
- Developed and deployed the app using CI/CD, Docker, and AWS for streamlined updates and scalability.
- Developed the app as a Progressive Web App (PWA) for enhanced accessibility and user experience and also Added a user-friendly cart functionality

## ACTIVITIES AND ACHIEVEMENTS

- \* Winner of MJ Hack Revolution Hackathon at MJ College, surpassing **60** competing teams.
- \* Co-founded the Coders Club on campus, fostering a thriving coding community and guiding a cohort of more than **300** enthusiastic learners.

## CERTIFICATIONS

- \* Earned the Cloud Foundation badge and certificate after completing the Aws Cloud Foundations with a final passing grade of **90%** from 100% score on the test 📄