Sandeep Reddy
Full Stack Developer

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💼 Portfolio / Sandeep
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Skillset

Languages: JavaScript · TypeScript · Python · Solidity · CSS ·

Technologies: React / Native · Tailwind · Node JS · Next JS · Mongo DB · PostgreSQL · Hardhat · Web3 /Ether JS · Firebase · · Gen/Agentic AI · ML · Jest / RTL · Docker · SQL / NoSQL · Git · REST / Graph QL / TRPC · Web sockets ·

Work Experience

Silicon Matrix   *Hyderabad / India*
Full-Stack Developer   *07-2022 -- Present*

- Spearheaded the end-to-end development of an innovative **Fashion & Grocery E-commerce** web application using the **MERN** stack. Successfully implemented customer-service features, streamlined inventory management for merchants, optimized product catalogue display, and integrated a **Reviews sentiment analysis ML algorithm**, enhancing both user and merchant experience. This initiative significantly contributed to increased user engagement and satisfaction.
- Developed a housing and real estate web app (ColdwellBanker.com) using Next.js for a U.S. client. Led the optimization of a scalable backend and web responsiveness initiative, ensuring a seamless user experience across devices and broadening the platform's reach

HDAO Info Systems   *Bangalore / India*
Frontend Developer   *01-2020 –- 06-2022*

- Developed a next-generation **Recruitment Automation Tool** that streamlines the entire hiring process, featuring intelligent resume parsing, automated candidate evaluation, low-latency video interviews, and seamless interview scheduling and tracking. The tool is actively used **by leading MNCs,** including Infosys, to drive recruitment efficiency and enhance the overall hiring experience.
- Transformed Class-based components into efficient React Hooks, optimizing code structure and enhancing scalability. Introduced Firebase Authentication and database integration, reinforcing security measures and ensuring seamless data management within the application.
- Achieved a substantial increase in performance across various web-capable devices and browsers through meticulous component optimization. This effort significantly boosted the overall efficiency of the application, contributing to a more positive end-user experience.

Education

Bachelor of Technology   TKR college of engineering & Tech / JNTUH   *Hyderabad / India*
Major in Electronics and Communication engineering   *08-2015 –- 10-2019*

Personal Projects

Decent-Bet (a Decentralized Sports predictor)

A smartly assisted, Gen AI-integrated decentralized betting Web app built using Next.js, Open AI, Firestore for event capture, Solidity smart contracts.

Hardhat – ChainLink Automation – Firebase - Moralis

RPSSL Game (a Decentralized Realtime 🪨📄✂ game)

- **NEXT/TS – CSS – Solidity – Firebase**

Burger Builder/E-Store

- **6-page Responsive layout with Vanilla CSS.**
- **Firebase Authentication & Database.**
- **React JS (35% Class Comp & 65% Hooks).**

Real-time Messaging app using MERN stack.

- **Express & Mongo DB / Mongoose.**
- **Socket IO (Web sockets) & AWS S3**
- **JWT authorization**