Sandeep Reddy
Full Stack Developer

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Skillset

Languages: JavaScript · TypeScript · Solidity · CSS ·
Technologies: React · Tailwind · Node JS · Next JS · Mongo DB · PostgreSQL · Hardhat · Web3 /Ether JS · Firebase · JWT · · AWS S3 · Testing · Jest / RTL ·   Docker · SQL / NoSQL · Git · REST / Graph QL / TRPC · Web sockets ·

Work Experience

Silicon Matrix   *Hyderabad / India*

Full-Stack Developer (MERN)   *07-2022 -- Present*

- Spearheaded the end-to-end development of an innovative Fashion & Grocery E-commerce web application using the MERN stack, overseeing the creation of an 8-page layout and a robust 12+ sub-page e-store. Successfully implemented customer-service features, streamlined inventory management for merchants, and optimized product catalogue display, resulting in a seamless and efficient online shopping experience. This initiative significantly contributed to increased user engagement and satisfaction.
- Pioneered the mobile responsiveness initiative, ensuring a seamless interface across devices and expanding the user base.

HDAO Info Systems   *Bangalore / India*

Frontend Developer   *01-2020 –- 06-2022*

- Engineered dynamic web-based user interactions tailored for bakers (food e-store) website, Housing and real-estate Web app for an US client and streamlined school/college management systems. Innovatively utilized Redux and React concepts to develop highly-responsive user interface components, resulting in a significant improvement in overall user experience and engagement.
- 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 applications.
- 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 applications, contributing to a more positive end-user experience.

Education

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

Personal Projects

Decent-Bet (a Decentralized Sports predictor)

- **Solidity Contract > Events > Moralis > FireStore**
- **Firebase Functions > Firestore > Next JS**
- **Contract <-> ThirdWeb <-> Next**
- **Hardhat – ChainLink Automation – MetaMask**

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Chat app with Typescript Stack

- **TRPC – Next-13 – Mongo Db – Firebase/S3**

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Burger Builder/E-Store

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

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Real-time Messaging app using MERN stack.

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

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