

Sai Teja Reddy

Hyderabad | chappetasajte Jaredy@gmail.com | +91 9618723711 |

 Portfolio |  LinkedIn |  GitHub

Experience - 2.5 years

Metageeks Technologies - Noida

Nov 024 – Present

Web3 Developer

- Completed end-to-end integration of the **Saturn Protocol**, enabling blockchain-based payments, including Ethereum transactions and ETH token generation, using **Node.js**, **MongoDB**, and **Next.js** for front-end development.
- Developed payment solutions on the blockchain, supporting payments through **Node.js** and Ethereum blockchain, ensuring secure and efficient transaction handling.
- Contributed to the integration of the main Metageeks website with **Contentful** CMS for dynamic content management, ensuring smooth data storage and retrieval through **Contentful APIs**.
- Initiated and led the development of a new project for the **Goat Network**, focused on integrating blockchain payments, data from **Dia Oracle**, and enabling crypto trading and bidding functionalities.
- Designed and implemented **Role Management** for event creation and management, using **Nest.js** for the backend and **MongoDB** for transaction-related data storage, with **SQL** for handling important user data.

Hubhopper - Delhi

April 2024 – Oct 2024

Podcast Hosting and Distribution platform

Full Stack Developer

- Designed and optimized embedded player interface using **React**, and developed comprehensive analytics using **ElasticSearch** and **PHP** including Listen Through Rate (LTR), unique listener count per video second, and overall video performance metrics.
- Developed and integrated chapter feature for podcast episodes, encompassing frontend UI (**React**) and backend API enhancements. Implemented robust chapter management capabilities, enhancing user interaction and content navigation for podcast episodes.
- Implemented automated email sender for download analytics, utilizing queue mechanisms and **AWS Lambda**, delivering comprehensive analytics as a ZIP file. The solution was developed using **Python** for backend processing.
- Utilized **Next.js** in conjunction with **React** to implement a smooth and dynamic listening experience for podcast episodes, offering real-time audio streaming and reducing load times.
- Led end-to-end implementation of episode upload feature, seamlessly integrating frontend (**React**), **AWS cloud storage**, and backend API functionalities.
- Engineered comprehensive podcast analytics system, including intuitive UI analytics graphs for enhanced data visualization using **React** and **PHP**.
- Managed batch processing jobs to handle daily listen impressions of podcasts, efficiently storing data in **Elasticsearch** for easy access and analytics. Implemented Cron and **PHP** to ensure seamless execution of processing tasks, providing timely updates for podcast analytics.
- Developed batch deletion functionality for inactive podcasts via RSS feed integration from external platforms.

Cognizant Technology Solutions - Chennai

Software Engineer (May 2023 – Apr 2024)

- Implemented RTO tracking feature by integrating attendance regularity and work location data for effective monitoring, built with **React** for UI, **Node.js** for backend, and **Next.js** for dynamic page rendering, ensuring faster load times.
- Enhanced user authentication and authorization workflows, leveraging **React** for the frontend and **Node.js** with **JWT** tokens for secure access, while using **Next.js** to manage client-side and server-side rendering based on user roles for optimized performance.
- Led the integration of third-party APIs to fetch employee data for better insights and reporting, developed using

React on the frontend, **Node.js** on the backend, and **Next.js** to dynamically render employee data on the client-side with efficient server-side fetching.

- Worked on implementing role-based access controls for the portal, ensuring that users from different departments had access to tailored features, using **React** and **Node.js**, with **Next.js** supporting dynamic content rendering based on user roles for enhanced performance.
- Implemented an advanced notification system, using **Node.js** to manage real-time notifications and **React** to render the notifications on the frontend, while **Next.js** optimized the loading of notifications through SSR.

CSD Intern (Sept 2022 – Mar 2023)

- Internship experience in full-stack development using **AngularJS**, **HTML**, **CSS**, and **Java Spring Boot**.

Freelance Developer (Oct 2022 – April 2023 & Oct-Nov 2024)

- Designed and developed betting features for cricket, including match betting and round-by-round betting functionalities, enabling a dynamic betting experience for users.
- Implemented custom betting options, allowing admins to create custom bets for each match, providing flexibility and enhancing user engagement.
- Developed the backend system using **Node.js** and **Express.js**, with a focus on reliability and scalability for handling real-time betting data.
- Used **SQL** database to store match data, user bets, and betting rounds, ensuring quick retrieval and data consistency.
- Built the frontend using **React**, ensuring an intuitive and responsive user interface for placing bets and viewing match details.
- Utilized caching mechanisms to improve performance and reduce latency, ensuring smooth user experience during high traffic periods.
- Successfully developed and delivered a complete betting app for a company, allowing users to place bets on live cricket matches within company teams.

Education

Sastra Deemed University, Thanjavur, B.Tech in Mechatronics

Aug 2018 – Aug 2022

Excellencia Junior College, Hyderabad, MPC

Aug 2016– Aug 2018

Projects

- **Foodie App - Food Delivery App**: Developed a comprehensive food delivery solution with a **React** frontend and a **Node.js** backend using **Express.js** APIs. Implemented features like customer and eatery dashboards, secured API interactions with middleware, and managed data with a **MySQL** database. Added rate limiting, error handling, and logging for robust performance and security.
- **Audio Editor App**: Built an advanced audio editing tool using **React**, with **Wavesurfer.js** for audio visualization and editing. Integrated **RecordRTC** for high-quality audio recording and playback. Developed a responsive and intuitive interface for seamless user interaction with audio files.
- **Chat Application** - I've designed a chat application that allows user-to-user communication using **WebSocket** for real-time messaging. The frontend is built with **React**, providing a smooth user experience, while **Strapi** powers the backend and manages data storage. This setup ensures efficient communication and a scalable architecture for users to connect seamlessly!

Skills

Languages: Python, PHP, Node, JavaScript, TypeScript, HTML, CSS

Framework/Libraries: React.js, Next.js, Tailwind CSS, Slim

Databases: SQL, Redis, Elastic Search, Mongo DB

Message Brokers: Beanstalk

Others: Git, Linux, Cron, DSA, Design Patterns, AWS Lambda, AWS EC2, Docker, Websockets