

# SAI KIRAN RAVIRALA

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## Technical Skills

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**Languages:** JavaScript, TypeScript, Java, Python

**Technologies:** React JS, Redux Toolkit, React Router, React Query, Formik, Bootstrap, Tailwind CSS, Angular, Vue JS, HTML5, CSS3, CSS Modules, JQuery, Axios, Fetch API, Responsive Web Design (Media Queries, Flexbox, Grid), Node JS, Express, MongoDB, Rest API, GraphQL, Jest, Enzyme, Vue, Data Visualization Tools, Firebase, React Testing Library, CI/CD Pipelines, Git, VS Code, Chrome DevTools,

## Education

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**CVR College of Engineering,** B.Tech - Electrical and Electronics Engineering  
-Hyderabad, Telangana

Sept 2017 – May 2021

**Coursework:** DSA, Operating Systems, Computer Networks, DBMS, Cloud Computing, System Design

## Experience

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**Front-End Developer,** Lex Nimble Solutions Hyderabad, India

Nov 2021– Present

- \* Designed and developed fully responsive web application using HTML5, CSS3, JavaScript, jQuery and React, Vue ensuring compatibility across devices and browsers. Leveraged Tailwind CSS to create highly customizable, utility-first responsive layouts, significantly improving development efficiency and maintaining consistency across user interfaces.
- \* Utilized Bootstrap and Angular to develop user interfaces and create responsive, mobile-first web application, improving UI consistency and accelerating development cycles. Enhanced user experience by designing and implementing intuitive UI components, including forms, modals, and navigation systems, improving overall application usability.
- \* Implemented component-based UI structures with React, optimizing rendering performance, ensuring modularity, and improving maintainability for large-scale projects. Developed interactive data visualizations using Recharts, integrating complex data sets into clear, visually appealing charts and graphs to aid decision-making processes.
- \* Ensured the implementation of best accessibility practices and optimized web applications for both performance and SEO, adhering to WCAG guidelines and maximizing reach. Refined code architecture and reduced complexity by 25% through the adoption of modern JavaScript best practices, including modular code, ES6+ features, and efficient state management patterns.
- \* Enhanced application scalability and real-time data synchronization by 20% using Redux Toolkit for efficient state management and Firebase for secure user authentication. Collaborated with cross-functional teams, including backend developers, designers, and project managers, to deliver high-quality, timely solutions that met project specifications and client expectations.

## Projects

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**Crypto Currency Tracking Application**

Website GitHub

- State Management is handled using useState, useEffect, and Context API for search input, favorites, and API data. The application provides real-time insights into the crypto market, with features like search, favorites, and conditional rendering.
- API Integration is done through fetch and Axios for making HTTP requests to CoinGecko API.
- Leveraged Recharts to create interactive, responsive charts and graphs, enhancing data-driven insights.
- Tools Used: JavaScript, ReactJS, State Management, Redux Toolkit, ReCharts, Tailwind CSS