

# Sampathi Yedukondalu

Darsi, India 523247 | sampathi.yedukondalu@yahoo.com | 9490922949

Portfolio | Github | LinkedIn

## Summary

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**Front-End Developer with 3 years of experience** building scalable, accessible, and performant web applications using **React, TypeScript, Redux, and Javascript**. Skilled in optimizing rendering performance, building reusable components, and integrating REST APIs. Experienced with **testing libraries (Jest)**, **accessibility (WCAG)**. Passionate about writing **clean, maintainable code and delivering seamless user experiences**.

## Experience

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Analyst , Deloitte – Hyderabad, India

Aug 2022 – Present

- Developed and maintained responsive, high-performance UI components **using React.js, Typescript, and Tailwind CSS**, ensuring seamless cross-browser compatibility.
- Implemented **lazy loading and code splitting**, reducing initial page **load times by 40%** improving user experience on large-scale applications.
- Designed and developed **reusable UI components** and custompp hooks, reducing code duplication and enhancing maintainability.
- Integrated **Restful Apis** to dynamically fetch and display content, improving **data handling efficiency**.
- Leveraged **Redux Toolkit & Context API** for global state management, reducing API response **latency by 25%**.
- Collaborated with backend developers to design **optimized API contracts**, minimizing redundant API calls.
- Optimized React component **rendering, reducing unnecessary re-renders** and boosting application **performance by 30%**.
- Improved **accessibility (A11y)** by implementing keyboard navigation, location-based interactions, and **semantic HTML, ensuring WCAG compliance**.
- Wrote unit tests using **React Testing Library & Jest**.
- Debugged and **fixed cross-browser issues**, ensuring a consistent experience across **Chrome, Firefox, and Edge**.
- **Mentored** junior developers, guiding them on **best practices, code structure, debugging and problem-solving**.
- Worked closely with **UI/UX designers, backend teams, and QA engineers** to ensure seamless integration of front-end components.
- Utilized Git for source code management, branching, and merging in a collaborative team environment.
- Participated in Agile development cycles, including sprint planning, daily stand-ups, and retrospectives.
- Conducted front-end **performance audits, identifying bottlenecks** and proposing improvements that led to a **20% faster rendering speed**.

## Personal Projects

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Tinder AI

GitHub Repository

- Created a Tinder-like application using **Spring Boot, React, Tailwind CSS**, and integrated OpenAI's public API for real-time chat responses. Utilized Spring Boot to create **RESTful APIs** and manage data interactions with MongoDB for efficient storage and retrieval of user profiles and chat history. Built a **responsive user interface** using React and Tailwind CSS, ensuring a modern and visually appealing design. Integrated OpenAI's API to deliver dynamic chat responses, simulating real-time conversations and improving user engagement.
- **Utilized:** Java, Spring Boot, JavaScript, React, Tailwind CSS, MongoDB, OpenAI.

IMDB-CLONE

GitHub Repository

- Built an IMDB-like application using React, integrating an external API to fetch movie data, enabling features such as movie watch list, user ratings, and details display. Focused on **enhancing user experience** and implementing **efficient state management**. Designed and developed reusable React components for movie cards, filters, and sort options, promoting modularity and maintainability of code. Created **custom hooks** and used **React Context API** to manage **global state** and facilitate data sharing across components, enhancing scalability.
- **Utilized:** React, Tailwind CSS, JavaScript, HTML.

## Technical Skills

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- **(Proficient):** React, JavaScript, Typescript, HTML/CSS, Redux, Java, Node.js, Git, Chrome DevTools.
- **(Familiar):** Jest, React Testing Library, Spring Boot, Tailwind-CSS, MySQL.
- **(Programming Coursework):** Algorithm & Data Structures, Operating Systems, Computer Networks, DBMS

## Achievements & Awards

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- Aug 2024 Deloitte Spot Award for exceptional performance and contributions to project success.
- Sept 2023 Deloitte Applause Award for consistently exceeding project expectations and delivering high-quality results.
- Solved 350+ DSA problems on Leetcode and GeekForGeeks, improving problem-solving skills
- School first in X class.

## Education

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Rajiv Gandhi University of Knowledge Technologies, Nuzvid

2018 – 2022

BTECH in ECE, GPA: 8.69/10