

SAI SRAVAN AB

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PROFESSIONAL SUMMARY

A detail-oriented Frontend Developer with 2+ years of experience in building scalable web applications. Expertise in DevOps best practices, Agile methodologies, and cross-functional collaboration to enhance performance and user engagement across the Software Development Life Cycle. Passionate about leveraging technology to drive innovation and deliver impactful solutions.

WORK EXPERIENCE:

EPAM Systems - Software Engineer

Jan 2022 — Jul 2023

- **Responsive and Adaptive Design:** Developed mobile-first, responsive web applications ensuring optimal user experiences across various devices through effective use of CSS frameworks and media queries.
- **Cross-Browser Compatibility and Performance:** Ensured consistent functionality and appearance across major browsers by implementing best practices, optimizing performance with techniques like lazy loading and code minification.
- **State Management and API Integration:** Managed complex application states using Redux and Context API, seamlessly integrating RESTful and GraphQL APIs for dynamic data retrieval and user interactions.
- **Accessibility and User Experience:** Implemented WCAG accessibility standards in applications to enhance usability for individuals with disabilities; conducted A/B testing to iterate on designs based on user feedback, improving engagement.
- **Component Development and Reusability:** Created reusable UI component libraries with Storybook, promoting consistency and efficiency in development across projects.
- **Collaboration and Version Control:** Collaborated closely with UI/UX designers to translate mockups into functional interfaces; utilized Git for version control to facilitate collaborative development and code review processes.
- **Static Site Generation and Optimization:** Leveraged frameworks like Next.js and Gatsby for static site generation, enhancing load times and SEO performance while employing tools like Webpack and Babel to optimize the development workflow.
- **Graphical Data Representation:** Implemented libraries such as D3.js and Chart.js for interactive data visualizations, aiding user comprehension of complex datasets.
- **Error Handling and Debugging Practices:** Developed robust error handling strategies and debugging practices to efficiently identify and resolve front-end issues, ensuring high code quality.
- **Content Management Integration:** Worked with headless CMS platforms like Contentful and Strapi to manage dynamic content delivery in web applications, enhancing flexibility and scalability.
- **Testing Automation:** Developed and maintained automated testing workflows using Jest and Cypress, which reduced production bugs and improved overall code quality.
- **Cross-Functional Collaboration:** Spearheaded a collaborative project that reduced delivery time by 25% through effective code reviews and team engagement.

PepCoding - SDE Intern

Sep 2021 — Jan 2022

- **User Interface Development:** Designed and implemented responsive UI components for an interview preparation platform using React, focusing on modularity and user engagement.
- **Performance Testing:** Conducted extensive front-end testing to identify and fix bugs, improving platform stability by 35%.
- **User Experience Improvement:** Leveraged analytics to enhance platform features, leading to a 200% increase in daily active users and a 15% boost in user satisfaction scores.

University of Cincinnati, Ohio, USA - Graduate Teaching Assistant

Aug 2023 - Present

- **Workshop Facilitation:** Conducted workshops on Object-Oriented Programming and front-end development, enhancing student skills through practical coding exercises.
- **Course Support:** Assisted in course materials and grading for Distributed Systems, implementing version control with Git and automated testing with JUnit, leading to a 20% performance improvement among students.
- **Practical Session Management:** Guided students in hands-on sessions focused on microservices and front-end technologies, utilizing React.js for real-world application development.
- **Feedback Loop:** Analyzed student feedback with Google Forms, instructional methods, increasing satisfaction ratings.
- **Research Collaboration:** Aided faculty in projects on cloud technologies, which utilized Docker and Kubernetes, and contributed to cloud best practices presentations and publications.

PROJECTS

Full-Stack Reddit Clone: Developed a Reddit-like web application using Next.js, React, and Prisma, implementing features like infinite scrolling and secure user authentication, optimizing performance with Upstash Redis caching.

Hotel Reservation System: Engineered a MERN stack hotel management system with JWT authentication, featuring a responsive booking

calendar and secure data handling to protect user information.

TECHNICAL SKILLS

Languages: C/C++, Java, Python, HTML/CSS, Tailwind CSS, JavaScript, TypeScript.
Frameworks and Libraries: React, Next.js, Node.js, Express.js, Angular, Mocha, Jest, Cypress.
Developer Tools: Jira, VS Code, PuTTY, Chrome Dev Tools, Postman, Git, Perforce.
Additional Skills: Microsoft Office, Agile Methodologies, UI/UX Design, Data Analysis, Linux.
Certifications: Responsive Web Design ,, Meta Front-End Developer Professional , NodeJS,MVC, REST APIs, GraphQL

EDUCATION

University of Cincinnati, Ohio, USA - *Master of Science in Information Technology* (GPA: 4.0/4.0)
Guru Nanak Institutions, Hyderabad, IN - *B.tech - Computer Science*