SAI SIVA TEJA BEJJIPURAM
Senior Front-end Engineer

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Dynamic & results-driven professional, cultivating a robust career as a Senior Front-end Engineer, emphasizing the creation of cutting-edge web applications tailored for various sectors, while leveraging rich industry experience.

PROFILE SUMMARY

- Possess **nearly 6 years** of experience in the technology domain, focusing on front-end development and the delivery of scalable web applications that meet diverse user needs.
- Managing the design and execution of user-focused applications in the role of Senior Front-end Developer at LeadSquared, while prioritizing performance and accessibility to enhance user satisfaction.
- Gained expertise in various front-end technologies and frameworks like Redux, while also honing skills in team leadership and project management throughout the career.
- Exhibited exceptional leadership skills by guiding junior developers, promoting a culture of ongoing improvement, and boosting team efficiency through comprehensive code reviews and collaborative knowledge sharing.
- Expertise in performance enhancement strategies, guaranteeing that applications function seamlessly while being both efficient and responsive to user demands.
- Proficiency in the application of CI/CD methodologies, which have optimized deployment workflow and shortened the time required to launch new features.
- Skilled in a wide array of front-end technologies, including JavaScript, TypeScript, and React, with a strong focus on building responsive and user-friendly applications that enhance user experience and drive engagement.
- Actively contributed to a collaborative team environment by facilitating knowledge sharing sessions and promoting best practices, which led to a noticeable improvement in overall team productivity and morale.

CORE COMPETENCIES

- User Experience Design
- Front-end Architecture
- Software Development Life Cycle
- Agile Methodologies
- Code Quality Assurance
- Component-Based Architecture
- Interactive Web Applications
- CI/CD Pipelines
- Code Quality & Maintainability
- Performance Metrics Analysis
- Responsive Web Design
- UI/UX Implementation

SOFT SKILLS

- Visionary Thinker
- Decision-Making
- Team Leadership
- Cross-Functional Collaboration
- Communicator

AWARDS & ACHIEVEMENTS

- **1st Place, Clash of Coders Hackathon (2021):** Led a team to create a gesture-based user detection system, boosting user engagement by 20%.
- **Bronze Medal, University Codesprint 5 (2019):** Ranked 774 out of 4,384 participants; solved 3/ 5 challenges and earned a rating of 1572.03.
- **Hostel Scholarship Awardee (2018):** Recognized for outstanding academic performance.

TECHNICAL SKILLS

- **Languages:** JavaScript (ES6+), TypeScript, HTML5, CSS3, SCSS, C++
- **Frameworks/Libraries:** React, Redux, Next.js, React Router, React Flow, Zustand, Preact
- **UI/Styling:** TailwindCSS, MUI, Styled Components, Bootstrap
- **Build Tools:** Vite, Webpack, Babel, ESLint, Prettier, Husky
- **Others:** Micro Frontends, Module Federation, Browser/Device Detection, Performance Optimization, Accessibility (a11y), Agile/Scrum

EDUCATION

2020: Bachelor of Technology in Computer Science and Engineering from SASTRA University with GPA: 8.17/10

CAREER TIMELINE

Dec'19 – Mar'21: Full Stack Developer | Ideaboard

Apr'21 – Jun'22: Front-end Developer | BYJU'S Future School

Jul'22 – Present: Senior Front-end Developer | LeadSquared

💼 WORK EXPERIENCE

Jul'22 – Present: Senior Front-end Developer | LeadSquared | Bangalore, India

Role:

- ❖ Deploying a scalable chatbot and bot builder platform utilizing React, Redux, Vite, and TailwindCSS, supporting a monthly active user base exceeding 10,000+ users.
- ❖ Optimizing front-end performance by implementing code-splitting, lazy loading and other advanced loading strategies, achieving a 40% reduction in page load times.
- ❖ Spearheading a high-performing engineering team of four developers, mentoring junior talent, and conducting rigorous code reviews, leading to a 30% drop in production-level defects.
- ❖ Driving cross-functional collaboration with Product and Design teams to launch feature-rich, UX-optimized components, boosting user engagement metrics by 25%.
- ❖ Establishing CI/CD pipelines using industry best practices, enabling automated testing, seamless deployments, and cutting release timelines by 50%.
- ❖ Integrating observability tooling such as New Relic for real-time telemetry, significantly improving monitoring capabilities and reducing incident response time by 60%.

Highlights:

- ❖ Championed the integration of advanced analytics tools, enabling data-driven decision-making and enhancing the team's capability to respond to user needs.
- ❖ Developed and maintained user-friendly, responsive front-end applications using modern JavaScript frameworks (React.js/Angular).
- ❖ Recognized for implementing innovative performance optimization techniques that resulted in a 20% increase in application speed, showcasing a commitment to enhancing user satisfaction and engagement.
- ❖ Collaborated with a team of developers to deliver high-quality software solutions within agile sprints, ensuring timely releases.
- ❖ Mentored junior developers, fostering skill development and promoting knowledge sharing within the team.
- ❖ Worked on cross-browser compatibility and mobile responsiveness to ensure consistent performance across devices.

Apr'21 – Jun'22: Front-end Developer | BYJU'S Future School | Bangalore, India

Role:

- ❖ Developed and maintained educational web applications using React and Redux, supporting 50,000+ active users.
- ❖ Enhanced user experience and accessibility, resulting in a 20% increase in student engagement.
- ❖ Delivered features on time, adhering to best coding standards and reducing bug rate by 15%.

Dec'19 – Mar'21: Full Stack Developer | Ideaboard | Bangalore, India

Role:

- ❖ Built end-to-end web applications using React, Redux, Ruby on Rails, and PostgreSQL, managing 10,000+ monthly users.
- ❖ Focused on user experience and performance optimization, reducing bounce rate by 18%.

💼 PROJECTS UNDERTAKEN

Chatbot & Bot Builder Platform

- ❖ Managed the development of a dynamic, node-based flow builder utilizing React, Redux, React Flow, Vite, and TailwindCSS.
- ❖ Engineered a modular architecture to support seamless user interactions, resulting in adoption by over 10 enterprise clients.
- ❖ Optimized performance and accessibility, achieving 90+ Lighthouse scores, ensuring a robust and user-friendly experience.

Smart Browser Detection Library

- ❖ Authored and published a high-precision browser and device detection library with over 95% accuracy and anti-spoofing capabilities, surpassing industry standards like UA-Parser-JS.
- ❖ Achieved 150+ npm downloads within a week, with the integration into multiple production environments, enhancing client-side analytics.

BYJU'S Math Portal

- ❖ Developed a React/Next.js portal tailored for grades 4–8, ensuring pixel-perfect UI and high performance for over 30,000 students.
- ❖ Collaborated with cross-functional teams to deliver an intuitive and engaging learning platform, contributing to improved student outcomes.

SproutSpace

- ❖ Engineered a PWA enabling parents to subscribe to curated children's books, utilizing React for the front-end and Node.js for the back-end.
- ❖ Supported a growing user base of 5,000+, delivering a seamless and accessible reading experience across devices.

📇 PERSONAL DETAILS

Languages Known: English, Hindi, Telugu | **Address:** Vijayawada - 521457