SEDAMKARI BHAVANI KUMAR

+917013167289 | sbhavanikumar2016@gmail.com | linkedin.com/in/bhavani-kumar-sedamkari

PROFESSIONAL SUMMARY

Application Developer with 3+ years of experience in Multiplatform Front-End Development using React.js. Proficient in designing, building, and configuring applications to meet business process and application requirements. Strong understanding of responsive design principles, state management libraries (Redux, Context API), RESTful API integration, and version control with Git. Adept at collaborating with cross-functional teams, optimizing performance, and ensuring application reliability. Committed to continuous learning and becoming a Subject Matter Expert (SME) in frontend development.

TECHNICAL SKILLS

Languages: React.js, Node.js, Express.js, MongoDB, JavaScript (ES6+), HTML5, CSS3, ColdFusion, MySQL
Concepts Used: Redux, Context API, React Query, States, Hooks, Props, React Router, Axios, React Icons, JSON, Forms, Events Handling, Document Object Model (DOM) Manipulation, Web Sockets, Express router, Mongoose, JEST, Webpack
CSS Libraries: Tailwind CSS, Ant Design, Material UI, Framer Motion
Backend For Frontend (BFF): OAuth, JWT, RESTful APIs
Tools Used: Git, GitHub, Postman, npm, Visual Studio Code, Vite, Webpack, Babel, ESLint, Figma, SVN, SSH, Postman (API testing), Vercel

WORK EXPERIENCE

Hexaware Technologies | Software Engineer (Frontend)   Chennai, India | August 2022 – Present

- Progressed from Junior to Lead Frontend Developer in **3 years within the Generative AI** team, spearheading innovative projects and collaborating with cross-functional teams to deliver AI-driven solutions.
- Hands-on experience in writing **reusable and efficient code**, managing the lifecycle of components, state management, error handling, and debugging. Proficient in unit testing and actively participated in code reviews.
- Developed key UI/UX features and **optimized frontend performance** through techniques like code splitting, lazy loading, memoization, and **efficient rendering techniques**, enhancing load times and user experience.
- Delivered projects with **tight deadlines** while maintaining code quality, design fidelity, and performance optimization. Embraced new tools and methodologies to stay current and improve outcomes.
- Leveraged **CSS libraries and UI frameworks**, including Framer Motion for animations, Ant Design, and Material UI for scalable and accessible components, enhancing visual appeal and development efficiency.
- Accelerated development cycles by migrating from CRA to **Vite and Tailwind CSS**, reducing build times by 40%, optimizing bundle size with code splitting (lazy and suspense) and improving developer productivity.
- Implemented **modern frontend best practices** including search engine optimization (**SEO**), responsive web design, cross-browser compatibility, and progressive web apps (**PWA**).
- Collaborated with back-end teams to improve REST API integration, optimizing real-time data flow while securing user authentication with **JWT**. Provided strategic input for **prompt engineering** refinements to improve AI functionality.

PROJECTS

tensaiGPT

- Developed and deployed an internal Generative AI chatbot serving **32,000+** Hexaware employees, achieving a 95% adoption rate and handling **1 million queries/month** with a sub-second response time.
- Reduced organizational costs by 40% by building a cost-effective alternative to commercial solutions such as ChatGPT and Gemini, and successfully deployed the solution to **multiple clients**, customized to their enterprise needs.

International Baccalaureate (IB)

- Enhanced security and performance of a school curriculum web application by identifying and fixing critical vulnerabilities, leading to a **30% increase** in overall application efficiency and improved code quality.
- Collaborated with cross-functional teams to maintain and update the application using ColdFusion, MySQL, JavaScript, and CSS, ensuring smooth integration and responsiveness. Utilized version control tools such as SVN and secure communication protocols like SSH for efficient code management and deployment. Documented test cases/UAT and production support.

CERTIFICATIONS

Postman- Postman API Fundamentals Student Expert.
W3Schools - Certified Advanced React Developer

EDUCATION

Bachelor of Technology, Computer Science   2018 - 2022
Jaya Prakash Narayan College of Engineering, Mahabubnagar

Intermediate (11th & 12th)   2016 - 2018
Prathibha Junior college, Mahabubnagar