

Vamsi Krishna Chiguruwada

Boston, MA, USA

+13392423758 | vamsi@vamsikrish.com | [linkedin.com/in/vamsi-krish-c](https://www.linkedin.com/in/vamsi-krish-c)
github.com/vam-si-krish | vamsikrish.com

Summary

React Developer with 5 years of experience developing intuitive, responsive user interfaces and improving user experience in modern web applications. Proficient in the React ecosystem (React.js, Next.js, Redux, TypeScript) and component-based architecture, with hands-on expertise in industry-standard tools and workflows. Skilled at turning complex requirements into clean, accessible, and scalable front-end solutions. Well-versed in Facebook's front-end best practices and certified through Meta's Front-End Developer Professional Certificate. Authorized to work in the U.S. without sponsorship.

Skills

- **Core Frontend & Frameworks:** React (React.js), Next.js, JavaScript (ES6+), TypeScript, HTML (HTML5), CSS (CSS3)
- **State Management:** Redux, Recoil, React Context API
- **Styling & UI Libraries:** Tailwind CSS, Bootstrap, Material UI, Responsive Web Design, SASS/LESS
- **Backend Data Handling:** RESTful APIs, GraphQL, WebSockets, Node.js
- **Development Workflow & Tools:** Jest, Test Driven Development, Accessibility (WCAG, ARIA), NPM, Webpack, Agile/Scrum, JIRA, GitHub, Git, AI Integrations, Figma

Experience

Yash Technologies

Sep 2022 - Aug 2024

Front-End Web Developer

Bangalore, India

- Supported a significant backend system migration by adapting the React/TypeScript frontend codebase to new API endpoints and evolving data structures, ensuring seamless user experience and maintaining application stability throughout the transition.
- Drove client-side performance improvements through code splitting and lazy loading, while integrating GraphQL APIs to cut data fetching time by 30%. Ensured speed, scalability, and reliability through comprehensive unit and end-to-end testing with Jest.
- Developed responsive SPA's using React.js, Next.js, & Tailwind CSS, consuming RESTful APIs and collaborating with backend (Node.js/Express) teams on data integration within an Agile, full SDLC environment.
- Improved application reliability and usability by implementing WCAG accessibility standards, ensuring cross-browser compatibility, and writing Jest-based unit tests following TDD, resulting in a 30% boost in usability and a 15% increase in code coverage.
- Engineered and implemented sophisticated state management solutions (e.g., Redux, Context API) for complex SPA's, significantly improving data flow consistency and simplifying component interactions.
- Led the integration of advanced data visualization components (React), architecting and building reusable frontend component libraries based on React core concepts and design system principles to enhance user engagement

Msys Technologies

Feb 2021 - Aug 2022

UI developer

Chennai, India

- Collaborated closely with backend teams using Node.js to co-design RESTful API contracts and integrate secure WebSocket connections, enabling seamless data flow and real-time delivery of critical financial data for new product features.
- Drove software quality and development velocity by contributing to sprint planning, conducting rigorous code reviews to uphold coding standards, and leveraging CI/CD pipelines (Webpack, Git), which resulted in rapid and reliable delivery
- Translated complex UI/UX design specifications and Figma mockups into pixel-perfect, interactive React.js applications, championing a user-first approach to create intuitive and engaging front-end experiences.
- Translated complex Figma designs into pixel-perfect, interactive React.js applications and built responsive, cross-browser front-end components optimized for performance, supporting over 100,000 concurrent users
- Engineered 30+ reusable, responsive UI components using React.js and TypeScript, implementing robust state management with Redux and adhering to client-side architecture and design patterns, which slashed code duplication by 25%.

Msys Technologies

Feb 2020 - Jan 2021

UI developer intern

Chennai, India

- Developed and optimized frontend components for performance, achieving a 15% improvement in average page load speed and successfully integrating APIs to enhance user experience.
- Collaborated with UX/UI teams, translating over 10 Figma designs into responsive and dynamic web interfaces using React.js, TypeScript, and Tailwind CSS, gaining hands-on experience in modern frontend development
- Assisted senior developers in unit testing for React components using Jest, which improved code reliability and reduced bugs

Education

Hult International Business School

Aug 2024 - Jul 2025

Master of Science (M.S.) in Business Analytics (STEM Designated)

Cambridge, MA, USA

Audisankara College of Engineering and Technology

Jul 2016 - Aug 2020

Bachelor of Technology (B.Tech.) in Computer Science and Engineering (STEM Designated)

India