SIVASANKAR SIVALINGAM
Senior Frontend Engineer
React | Angular | Javascript

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📍 Chennai, India

A results oriented professional with over 10 years of experience in delivering robust web applications, possessing a diversified skillset on the frontend ecosystem. Demonstrates proficiency in providing effective technical leadership to transform complex requirements into innovative digital solutions. Experienced in developing applications using a micro-frontend design pattern and implementing a design system for common UI components. Adept in requirement analysis, effort estimation, stakeholder management, and cross-functional collaboration. Highly adaptive to the Agile Scrum methodology.

EXPERIENCE

SENIOR ASSOCIATE, COGNIZANT
Dec 2022 to Present - 3 yrs 1 mo

Verizon, US / Assisted applications
HTML5, CSS3, React, Redux, MFE, Design System.

- Led the design and development of responsive, high-performance web applications for Assisted channels, ensuring scalability and maintainability.
- Defined frontend architecture and drove seamless API integrations to translate complex business requirements into robust technical solutions.
- Conducted in-depth code reviews, enforced quality standards, and implemented automated testing strategies for reliable codebases.
- Optimized application performance, accessibility, and cross-browser compatibility to deliver robust user experiences.
- Championed Agile practices through sprint planning, backlog grooming, and daily stand-ups, aligning delivery with business objectives.
- Explored and integrated Generative AI tools to streamline development workflows, automate repetitive tasks, and boost team productivity.

TECHNICAL LEAD, HCL
Dec 2020 to Dec 2022 - 2yrs

Roche, US & Switzerland / Learn & Digital Lab
HTML5, CSS3, Material UI, Angular, React, Redux, GQL.

- Partnered with cross functional stakeholders to analyze requirements and propose efficient, scalable UI solutions aligned with product architecture.
- Defined and maintained technical solutions, ensuring adherence to architectural standards and best practices for frontend development.
- Led development of responsive, reusable, and testable UI components, optimizing performance and ensuring accessibility compliance.
- Provided technical guidance for rapid Proof of Concept implementations to validate business requirements to bring in pilot projects.
- Conducted code reviews, enforced coding standards, and mentored team members to improve code quality and development efficiency.
- Managed defect triage processes, driving timely resolution and maintaining high product stability and user experience.

TECH SKILLS

- HTML5
- CSS3
- Bootstrap
- Material UI
- JavaScript
- TypeScript
- React
- Redux Saga
- Angular
- RxJS
- Jest
- Jasmine
- RWD
- Browser Compatibility
- Web Accessibility

CERTIFICATION

edureka!

Edureka certified:
Angular Developer
Certificate ID: AY6HZ487

Microsoft

Microsoft certified:
Specialist Programming in HTML5 with JavaScript & CSS3.
Certificate ID: F642-5791

w3schools CERTIFIED

W3schools certified:
Bootstrap Developer
Certificate ID: 10438687

INFORMATION TECHNOLOGY ANALYST, TCS
Mar 2015 to Dec 2020 - 5 yrs 9 mos

Delta Airlines, US / FlightStatus, MyTrips
HTML5, CSS3, Bootstrap, TypeScript, Angular, RxJS.

- Collaborated with stakeholders to analyze requirements and delivered user stories.
- Developed functional, responsive and reusable UI modules adhering to design patterns and compliant with WCAG accessibility standards.
- Implemented API integrations and content services for dynamic data rendering, ensuring seamless user experience across browsers.
- Authored and managed content in Author instance while maintaining coding standards and conducting peer code reviews for quality assurance.
- Documented manual test cases, wrote unit tests, and performed bug fixing and refactoring to improve code reliability and maintainability.
- Contributed to coding standards checklist and trained team members to enhance best practices and development efficiency.

Virgin Atlantic Airlines, UK / Air4, 5PL
HTML5, CSS3, Bootstrap, JavaScript, Angular, RxJS.

- Development of responsive UI components based on UX.
- Implementing accessibility guidelines and fixing cross browser compatibility issues.
- Consumption of API and content services to manipulate and display data as per the requirement.
- Manual test case documentation and writing unit test cases.
- Bug fixing and refactoring as per coding standards.

TOOLS USED
- Gitlab
- VS Code
- Jira
- Confluence
- Jenkins
- SonarQube
- Junit
- Storybook
- NVDA Accessibility
- Kibana
- Postman

Gen AI
- Prompt Engineering
- GitHub Copilot
- Cursor
- Gemini

SOFT SKILLS
- Design Thinking
- Leadership
- Cross functional Collabration
- Mentorship

ACHIEVEMENTS

- Vibe Coding: Honored to be a part of Cognizant's Guinness World Records™ title achievement in a Generative AI Hackathon using Cursor.
- Completed HCL ACE program on building UI KIT Library using Web Components.
- Won Innovation Pride Award in Delta 5K Innovation Challenge.
- Won Special Jury Mention Award in Digital Exponential challenge conducted by TCS Research and Innovation Team.
- Won Digital Champion award in TCS.
- Generated multiple pilot projects through TCS TTH Innovation Program using Design Thinking.

EDUCATION

- **B. Tech, Mechanical Engineering**
  Sri Manakula Vinayagar Engineering College, Puducherry.
  CGPA: 8.14