

Srinivasa Rao Sadineni

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Professional Summary:

- Proficient **IT Professional** with about **4+ years** of experience as a **Software Developer** with detailed understanding of end-to-end Software Design & Development.
- Experience in Designing and Developing solutions for Web-based applications and **Single page applications (SPA)** using **JavaScript, Node.JS, React.JS, Express.Js, TypeScript, Figma, AWS, Python, jQuery, HTML, CSS, Bootstrap, XML, AJAX, Responsive web design and SQL server**.
- Skilled in trending techniques, such as **MVC** in web & event-driven apps using **JS, AJAX & JSON**.
- Designed & developed APIs, Business Logic, **mobile-friendly webpages & progressive webpages**.
- Knowledge of data analysis and visualization tools: **Python** (NumPy, Pandas, Matplotlib, Seaborn). Knowledgeable in **secure coding practices, UX best practices, and performance optimization**.
- Experience across all the phases of SDLC like Requirement gathering analysis, Implementation and Maintenance and extensive experience with workflow of **waterfall** and **agile** methodologies.
- Experience in unit testing and code quality assurance using **Jest** and **ESLint**.
- Extensive experience in developing **Restful web services** with **Express.js** and **NodeJS**.
- Experienced in performance optimization using tools like **PageSpeed Insights, lazy loading**, and asset bundling (**Webpack/Gulp**).
- Expertise in **Responsive Web Design, Cross Browser Compatibility** using **Bootstrap** and **CSS3**.
- Expertise in using **JavaScript** for accessing and changing the elements of **DOM** dynamically.
- Expertise in view rendering **JavaScript** libraries such as **React JS, jQuery**.
- Built **Single Page Applications (SPA)**, Rich Restful Service Applications, and HTML wireframes using **HTML5** Grid Structures/Layouts, **CSS3** Media Queries, **Ajax**, **React** and **Bootstrap**.
- Used **AJAX** in **jQuery** for Fetching Data from the Server by giving URL to get JSON data for model and to populate model from the server.
- Extensively worked on **GIT** and **JIRA** for version control and project tracking.
- Committed to continuous learning, staying up to date with the latest industry trends and technologies.

Technical Expertise:

Web (UI/ UX) Technologies	HTML5, CSS3, JavaScript, React.JS, Express.js, TypeScript, Figma, NodeJS, jQuery, JSON, DOM, XML, AJAX, RESTful API, etc.
Programming Languages	Python, Java, C, R
Testing & Quality	Jest, ESLint, Unit Testing, Chrome DevTools
Databases	MySQL, SQL Server, Oracle, MongoDB etc.,
Version control	GitHub, Sitemuse, RedTiger
Development Tools	Eclipse, IntelliJ IDEA, Text Pad, Notepad++, MS Visual Code
Debugging Tools	Firebug, Chrome developer toolbar, IE Developer tool
Desktop	Office 365 - Access, Excel, PowerPoint, Outlook, Word
Operating Systems	Windows, macOS, Linux, iOS, and Android OS

Education:

- **Master of Science**, University of Houston - Clear Lake, TX Jan'22 – Dec'23
- **Bachelor of Technology**, R.V.R. & J.C College- Guntur, AP Aug'15 – Apr'19

Professional Experience:

Client: MoneyGram International INC **Role:** FullStack Developer **(Feb'24 – Present)**

Description: Built a secure, responsive money transfer application enabling users to send/receive funds and track transactions globally. Contributed to frontend development using React and Node.js, following microservices architecture and best security practices.

Responsibilities:

- Built high-quality, and reusable components with **React**, including complex multi-field form elements.
- Utilized **React** and **Redux** to manage application state and implemented **React-Router** for navigation.
- Constructed robust **server-side** logic with **Node.js** and the **Express** framework, incorporating middleware for efficient **HTTP** request handling and secure routing.
- Integrated **MongoDB** with Mongoose for database persistence, designing **API** structures in **Node.js**.
- Built responsive UIs using **HTML5**, **CSS3**, **JavaScript**, ensuring **pixel-perfect** cross-browser support.
- Developed a responsive and dynamic dashboard applying modern **UI/UX principles** to ensure cross-browser compatibility and enhanced system scalability.
- Contributed to **CI/CD pipelines** and automated testing workflows.
- Implemented scalable, type-safe UI components using **TypeScript** with **React** to improve code maintainability and early error detection during development.
- Designed and integrated **GraphQL APIs** with **Node.js** and Express to minimize over-fetching and boost client-side **performance**.
- Tested front-end components using **Jest**, writing both unit, integration tests to ensure product quality.
- Optimized **RESTful API** communications between front-end and back-end services for data flows.
- Contributed to **CI/CD** pipelines, ensuring smooth deployment processes, automated testing workflows.
- Executed API calls with **React Axios** to update Redux store states effectively.
- Led frontend development by adopting the best practices in **React.js**, managing state with **Context API**, and building a reusable component-based architecture.
- Enhanced **accessibility** by adhering to **WCAG guidelines** and applying responsive design principles for inclusive user experience.
- Collaborated with design teams using **Figma** to convert **high-fidelity UI mockups** into pixel-perfect React components.
- Conducted detailed **code reviews** and debugging sessions to uphold high code quality and resolve issues, ensuring overall system performance.
- Utilized **modern JS** frameworks and tools such as **Node**, **Webpack**, **Babel**, **ESLint**, and **Gulp** to optimize platform performance through **lazy loading** and efficient rendering techniques.
- Collaborated closely with backend teams to seamlessly integrate frontend components with server-side logic, improving transaction reliability and reducing error rates by 15%.
- Coordinated with cross-functional teams, including stakeholders and project managers, to deliver scheduled features aligned with business objectives and compliance requirements.

Environment: Node.js, React.js, TypeScript, GraphQL, ExpressJs, AWS, Jest, GitHub, HTML5, CSS3, JavaScript, Bootstrap, JSON, XML, AJAX, SASS, Visual Studio.

Client: Microsoft Corporation

Description: Worked on the Microsoft Software Licensing and Delivery (MSLD) platform to streamline digital license delivery and management. Developed dynamic, user-friendly web pages from scratch and created automation tools to reduce manual content updates.

Responsibilities:

- Designed, Developed, Tested, and Published web pages on **Microsoft Marketing sites (Surface.com)** based on the requirements from Microsoft and associated creative agency.
- Built and maintained web pages using **React.js, HTML5, CSS3, JavaScript, TypeScript, jQuery, JSON, XML, Node.js, Express.js** and **AJAX controls**.
- Designed and developed **Single Page Applications (SPA)** using **React.js**, ensuring site responsiveness across mobile, tablet, laptop, and other systems using Bootstrap and media queries, which improved accessibility and user satisfaction.
- Developed reusable **React components** (e.g., product cards, carousels, filters) for consistent design and maintainability across all **e-commerce flows**.
- Designed and developed multiple **dynamic product pages** and promotional components for Microsoft Surface e-commerce platform, improving product visibility and customer interaction.
- Maintained **ES6** standards for **TypeScript** code, ensuring code quality, consistency across projects.
- Built applications using **React.js** for rendering pages on both **client** and **server** with the same codebase, creating reusable components with utility methods to streamlined development processes.
- Working towards the development and upgradation of **MERN-stack** web application using **NodeJS** and **Express**. Implemented **WCAG-compliant** UI components and **ARIA** attributes for accessibility.
- Applied a strong understanding of **Data Structures** and **Algorithms** to optimize code efficiency and improve application performance.
- Collaborated with backend teams to optimize the shopping cart logic and ensure accurate pricing, discount logic, and inventory display in real-time.
- Utilized **REST APIs** to fetch real-time product availability, pricing, and delivery estimates, enhancing customer decision-making.
- Implemented performance optimizations (**lazy loading, deferred scripts**) to reduce bounce rates and improve conversion metrics on **high-traffic shopping pages**.
- Processed **JSON** data from RESTful web service using **axios** to retrieve database resources, improving data retrieval efficiency.
- Ensured **accessibility** is best practices using Lighthouse audits and screen reader testing.
- Enhanced user experience through the design & development of new web features and components.
- Performed **Peer Code Review** & helped the team in enhancing the **code quality** to increase efficiency.
- Supported **multilingual** and **multi-region** product listings, ensuring seamless localization for **50+** markets and currencies.
- Thrived in dynamic environments by embracing change, effectively handling ambiguity, and rapidly adjusting to evolving project scopes and user needs.
- Optimized **web page performance**, reducing load time and enhancing user engagement through advanced **JavaScript** and **AJAX** techniques.
- Worked closely with design, product, and engineering teams to create cohesive, user-focused workflows and interface designs.

- Advocated for best practices in coding standards, leading to improved code quality and maintainability within the development team.
- Demonstrated proficiency in rapid prototyping and iteration, delivering functional prototypes and UI enhancements in agile environments with frequent changes and evolving requirements.
- Developed a single **ISOMORPHIC** responsive website using **AJAX** and **MS Visual Code**, improving user experience across devices.
- Coordinated with the **Onshore** and **Localization Teams** to ensure that the required **50+ languages** support the content without any issues to reduce data flow issues and unblock team members.
- **Automated recurring tasks** to reduce manual intervention, converting EXCEL data to JSON, which improved team efficiency and accuracy, earning the best creative tool award.

Environment: Node.js, React.js, RESTful API, AWS, GitHub, HTML5, TypeScript, ES6, CSS3, jQuery, JavaScript, Bootstrap, Microsoft SQL Server, JSON, XML, AJAX, SASS, RedTiger, Sitemuse.

Client: Blue Endeavors

Description: Developed an interactive web application to support ocean conservation education and diver community engagement. Designed clean, responsive UI using React and integrated backend services to manage memberships, events, and donations.

Responsibilities:

- Designed and implemented responsive, intuitive web layouts and forms with **HTML5**, **CSS3**, **Bootstrap**, and **JavaScript**, significantly improving user experience across devices.
- Engineered interactive **web components** and dynamic features with **JavaScript** and **jQuery** to enhance usability and client-side functionality.
- Ensured **cross-browser compatibility** by debugging and resolving UI inconsistencies across major browsers including Chrome, Firefox, Safari, and Edge to deliver consistent user experience.
- Performed unit and integration testing for the complete UI after fixing production issues, ensuring a stable and reliable user interface.
- Collaborated with UI/UX designers and backend developers to translate business requirements into functional front-end interfaces while adhering to **WCAG standards** and design best practices.
- Executed comprehensive unit and integration testing for UI components post-production fixes to ensure stability, performance, and reliability.
- Participated in code reviews, performance optimization, and continuous improvement initiatives to maintain high standards in frontend development and user satisfaction.

Environment: HTML5, CSS3, jQuery, JavaScript, Bootstrap, JSON, XML, AJAX.

Certification:

Full-Stack Web Development Certificate

Issued by Micro1 – Jan'25

- Gained hands-on experience building and deploying **full-stack web applications** using modern technologies.
- Covered **front-end** (HTML, CSS, JavaScript, React) and **back-end** (Node.js, Express, MongoDB) development. Implemented **RESTful APIs**, user **authentication**.