Srinivasa Rao Sadineni

Email ID: srinivasaraofullstackdev@gmail.com   **Github:** sadinenisrinivasarao (github.com)

Phone: +1 (346) 372-9637   **LinkedIn:** Srinivas Sadineni

Portfolio: Srinivas Sadineni

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, 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**).
- Familiarity with end-to-end application development using JavaScript libraries, frameworks and detailed insights about Business Analysis, Research, Process, Solutions & Productivity Improvement.
- Extensive knowledge of the React.JS building blocks, such as **React Hooks, Forms, Events, Keys, Router, Animations**, and the **Flux idea.**
- Extensive knowledge on implementing UI mockups, integrating third party REACT libraries, and handling/creating **Redux store data**.
- Familiar with **TypeScript**, currently learning and implementing projects.
- Development experience with **AWS cloud resources** which migrate existing systems to AWS.
- Committed to continuous learning, staying up to date with the latest industry trends and technologies.

Technical Expertise:

Web (UI) Technologies	HTML5, CSS3, JavaScript, React.JS, Express.js, TypeScript, 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)**

Responsibilities:

- Developed a modern, scalable interface for MoneyGram's financial services platform using **React.js, Node.js, HTML5, CSS3, JavaScript, Express** and **AWS** technologies, enhancing user engagement.
- Utilized **React** to build high-quality, scalable and **reusable** components like multi-field form elements. Used **React, Redux** for storing app data**, React-Router** for app routing.
- Familiar with **Node.Js** and **Express framework** to build **server-side** logic, applied with **middleware** to handle http requests. Worked on Routing, middleware, cookies in **express**, ensured **https requests**.
- Experienced in Working on modules like **MongoDB**, **mongoose** for **database** persistence using **Node.js**. Designed the **API** structures with **Node.js** running on Nginx.
- Built a **responsive** and **dynamic** dashboard incorporating the latest **UI/UX** principles, ensuring cross-browser compatibility and improved system **scalability**.
- Developed **scalable** and **type-safe** UI components using **TypeScript** with **React**, ensuring improved code maintainability and early error detection during development.
- Designed and integrated **GraphQL APIs** with **Node.js** and **Express**, reducing over-fetching and improving client-side performance.
- Familiar with **Jest** and **Cypress** for front-end testing, writing unit and integration tests.
- Integrated and optimized **RESTful API** communication between **frontend** and **backend** services.
- Contributed to **CI/CD pipelines**, ensuring smooth deployment and automated testing workflows.
- Used **React Axios** to call **Web APIs** to fetch data from backend, update the states in the store of **Redux**.
- Led frontend development by adopting **React.js** best practices, managing application state with **Context API**, and building **reusable components** with a component-based architecture.
- Worked with **POSTMAN** for API testing and created **User Model** for application.
- Enhanced accessibility by adhering to **WCAG** guidelines and implementing responsive design principles, providing an inclusive experience for global users.
- Conducted thorough code reviews and debugging sessions to maintain **high code quality** and troubleshooting issues, improving overall **system performance**.
- Worked with cutting-edge JS frameworks, tools such as **Node, Webpack, Babel, ESLint**, and **Gulp**.
- Optimized platform performance through **lazy loading**, minimizing asset sizes, and implementing efficient rendering techniques, leading to faster transaction completions.
- Collaborated 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 features on schedule, ensuring alignment with business objectives and compliance requirements.
- Researched and integrated new technologies, including third-party **APIs** for real-time currency exchange rates, enhancing platform efficiency and user satisfaction.

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

Client: Blue endeavors   **Role:** Frontend Developer   **(Sep'21 – Dec'21)**

Responsibilities:

- Worked on the **end-to-end development** of a **dynamic** and **accessible** web application to improve user engagement and operational efficiency, using a robust frontend tech stack including **HTML5, CSS3, JavaScript, jQuery, Bootstrap, AJAX, JSON,** and **XML.**
- Designed and implemented responsive, intuitive web layouts and forms using **HTML5, CSS3**, **Bootstrap, JavaScript**, significantly enhancing the overall user experience across devices.
- Developed and integrated interactive **web components** and dynamic features using **JavaScript** and **jQuery**, improving usability and client-side functionality.
- Built and consumed **RESTful** services using **AJAX**, leveraging **JSON** and **XML** for asynchronous data exchange to minimize network load and enable seamless real-time updates.
- Ensured cross-browser compatibility by debugging and resolving **UI inconsistencies** across major browsers including Chrome, Firefox, Safari, and Edge, delivering a consistent user experience.
- Collaborated with **UI/UX** designers and backend developers to translate business requirements into functional front-end interfaces, ensuring adherence to **WCAG standards** and design best practices.
- Conducted comprehensive unit and integration testing for UI components, especially after production-level fixes, to ensure stability, performance, and reliability.
- **Documented** front-end functionality, component structure, and integration details using clear technical writing, supporting team collaboration and future enhancements.
- Participated in code reviews, performance optimization, and continuous improvement efforts to maintain high standards in frontend development and user satisfaction.

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

Client: Microsoft Corporation   **Role:** React Developer   **(March'20 – Dec'21)**

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/modules** with utility methods, which streamlined development processes and reduced redundancy.
- 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.
- Developed the server side for **REST API's** using **Node.JS** with **ExpressJS** framework.

- 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** 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. Also, worked on debugging and fixing the required code logic.
- Supported multilingual and **multi-region product listings**, ensuring seamless localization for **50+ markets and currencies**.
- Conducted usability testing to gather feedback from **end-users**, iterating designs to achieve maximum clarity and ease of use.
- Ensured **WCAG-compliant** UI design for accessible **e-commerce** experiences across devices and assistive technologies.
- 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.
- Collaborated with **cross-functional** teams to streamline front-end processes, ensuring project goals were met efficiently and effectively.
- 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 all 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.
- Ensured all technical code & artifacts are accurate, successful, well documented, and communicate issues or timeline changes to management, ensuring effective communication across all groups.

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

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**.