Srinivasa Rao Sadineni

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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:

- 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 compo- nent-based architecture.
- Tested API endpoints using **POSTMAN**, developed User Models to support application functionality.
- Enhanced **accessibility** by adhering to **WCAG guidelines** and applying responsive design principles for inclusive user experience.
- 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.
- Researched and integrated emerging technologies, including third-party APIs for real-time currency exchange rates, to enhance 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: Microsoft Corporation

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 environ- ments 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.
- 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, XML, AJAX, SASS, RedTiger, Sitemuse.

Client: Blue Endeavors

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.
- Documented front-end functionality, component structure, and integration details using clear technical writing to support team collaboration and future enhancements.
- 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**.