Srinivas Sadineni

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Portfolio: Srinivas Sadineni

Experience 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 **Object-Oriented JavaScript, Node.JS, React.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**.
- Knowledge across various stages of Data Life Cycle- Data Acquisition, Data Preparation (Cleansing & Transformation), Data Mining, Statistical Analysis, Predictive Modeling and Data Visualization.
- 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.**
- Familiar with **TypeScript**, currently learning and implementing in 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, TypeScript, NodeJS, jQuery, JSON, DOM, XML, AJAX, Typescript, RESTful API, etc.
Programming Languages	Python, Java, C, R
Testing & Quality	Jest, ESLint, Unit Testing, Chrome DevTools
Desktop	Office 365 - Access, Excel, PowerPoint, Outlook, Word
Operating Systems	Windows, macOS, Linux, iOS, and Android OS
Databases	MySQL, SQL Server, Oracle, MongoDB etc.,
Browsers	IE, Chrome, Firefox, Safari
Version control	GitHub, Sitemuse, RedTiger
Development Tools	RedTiger, Sitemuse, Text Pad, Notepad++, MS Visual Code, Jupyter, R Studio, AWS Cloud9, Docker and Compass
Debugging Tools	Firebug, Chrome developer toolbar, IE Developer tool

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:** Frontend Developer   **(Feb'24 – Present)**

Responsibilities:

- Developed a modern, scalable interface for MoneyGram's financial services platform using **React.js, HTML5, CSS3, JavaScript,** and **AWS** technologies, enhancing user engagement and **usability**.
- Built a **responsive** and **dynamic** dashboard incorporating the latest **UI/UX** principles, ensuring cross-browser compatibility and improved system **scalability**.
- Collaborated with backend teams to seamlessly integrate frontend components with server-side logic, improving transaction **reliability** and reducing error rates by 15%.
- 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.
- Managed source code using **Git**, performed branching, merging, pull requests following best practices.
- Contributed to **CI/CD pipelines**, ensuring smooth deployment and automated testing workflows.
- Experienced in Working on modules like **MongoDB**, **mongoose** for **database** persistence using **Node.js**. Designed the **API** structures with **Node.js** running on Nginx.
- 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.
- 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, AWS, Jest, GitHub, HTML5, CSS3, JavaScript, Bootstrap, JSON, XML, AJAX, SASS, Visual Studio.

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

Responsibilities:

- Analyzed system and functional requirements, creating comprehensive **high-level** and **low-level** documents to guide development processes.

- Designed, developed, and tested the website's **accessibility** and web browser standards using **HTML, CSS, Bootstrap, JavaScript,** and **jQuery**.
- Used **JSON** for data interchange between the client and server, as well as **AJAX** to decrease network load and update specific components of the website.
- Performed unit and integration testing for the complete UI after fixing **production issues**, ensuring a stable and reliable user interface.
- Designed Web application layout and forms using **HTML5, CSS3** and **JavaScript**.
- Improved user experience by designing and creating new web components and features.
- Developed solutions for **cross-browser compatibility**, ensuring consistent **website performance** and improving user retention across major platforms.
- Optimized client-server data exchange using **JSON** and **AJAX**, reducing network load and improving website **responsiveness**.
- Improved the user interface by developing new features, enhancing user interaction and satisfaction through collaborative design efforts.
- Worked closely with cross-functional teams to resolve browser compatibility challenges, ensuring smooth performance across all platforms.
- Conducted extensive testing and debugging, enhancing UI stability and user experience by efficiently resolving production issues.
- Created comprehensive project documentation using Text Pad, detailing all functionalities, which improved team understanding and project consistency.

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.**
- 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.**
- 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.
- Contributed as a primary resource and guided subordinates in the design and development of **Microsoft Surface Home page** that supports over **50+ languages**.
- Conducted usability testing to gather feedback from **end-users**, iterating designs to achieve maximum clarity and ease of use.
- 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.