# Srinivas Sadineni

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**Portfolio**: Srinivas Sadineni

## Experience Summary:

- Proficient IT Professional with about **5 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).
- Experience across all the phases of SDLC like Requirement gathering analysis, Implementation and Maintenance and extensive experience with workflow of **waterfall** and **agile** methodologies.
- Familiarity with newer specifications of TypeScript/ ECMAScript (ES6).
- 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, Redux, Animations**, and the **Flux idea.**
- Development experience with **AWS cloud resources** which migrate existing systems to AWS.
- Provided technical leadership and guidance to engineers and external partners.
- Designed and developed user-friendly UI components using frameworks like React.js and Angular, ensuring seamless workflows for non-technical users to interact with applications.
- Committed to continuous learning, staying up to date with the latest industry trends and technologies.

## Technical Expertise:

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| **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 |
| **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, SOAP, Docker and Compass |
| **Debugging Tools** | Firebug, Chrome developer toolbar, IE Developer tool |
| **Visualization Tools** | Tableau |

## 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          (**June'22 – 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%.
- Deployed web applications on **AWS** using **Amazon S3** for storage, **AWS Lambda** for serverless operations, and AWS CloudFront for optimized content delivery, resulting in 20% faster load times.
- Streamlined deployment processes by implementing automated **CI/CD** pipelines with AWS Code Pipeline and **Jenkins**, reducing deployment time by 40%.
- Leveraged **Git** version control for efficient team collaboration, ensuring codebase integrity and consistent delivery of features. Experience in writing scripts with **Cyara** Platform to automate the majority of the regression **test cases**.
- Experienced in Working on modules like **MongoDB**, **mongoose** for database persistence using **Nodejs**. Designed the **API** structures with **Nodejs** running on **Nginx**.
- Streamlined application deployment processes by creating intuitive dashboards and tools, enabling users with minimal technical expertise to deploy and manage applications efficiently.
- Led frontend development by adopting **React.js** best practices, managing application state with **Redux**, 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 troubleshoot issues, improving overall **system performance**.
- Implemented **Node-Router**, **Node Redux architecture**, ES6, web pack and Grunt to turn application into Single Page Application.
- 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 (Amazon S3, Lambda, CloudFront, CodePipeline), GitHub, HTML5, CSS3, JavaScript, Bootstrap, Redux, JSON, XML, AJAX, SASS, Visual Studio.

**Company**: HCL Technologies pvt ltd

**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**.
- 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.
- 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.
- Implemented and tested **React components** to enhance UI/UX, enabling seamless integration with back-end services for improved functionality using **SOAP** UI tool.
- 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 Team 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.

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

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**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.