

# Srinivas Sadineni

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## 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).
- 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.
- Strong communication skills: Good at teamwork and cooperate well with team members with excellent analytical skills, troubleshooting and problem-solving abilities.
- Committed to continuous learning, staying up to date with the latest industry trends and technologies.

## Technical Expertise:

<b>Web (UI) Technologies</b>	HTML5, CSS3, JavaScript, React.JS, TypeScript, NodeJS, jQuery, JSON, DOM, XML, AJAX, Typescript, RESTful API, etc.
<b>Programming Languages</b>	Python, Java, C, R
<b>Desktop</b>	Office 365 - Access, Excel, PowerPoint, Outlook, Word
<b>Operating Systems</b>	Windows, macOS, Linux, iOS, and Android OS
<b>Databases</b>	MySQL, SQL Server, Oracle, MongoDB etc.,
<b>Browsers</b>	IE, Chrome, Firefox, Safari
<b>Version control</b>	GitHub, Sitemuse, RedTiger
<b>Development Tools</b>	RedTiger, Sitemuse, Text Pad, Notepad++, MS Visual Code, Jupyter, R Studio, AWS Cloud9, SOAP, Docker and Compass
<b>Debugging Tools</b>	Firebug, Chrome developer toolbar, IE Developer tool
<b>Visualization Tools</b>	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:**

**Company:** Saayam (Volunteer) **Role:** React Developer **(June'22 – Sep'24)**

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### **Responsibilities:**

- Developed a modern, scalable webpage for Saayam.org using **React.js**, **HTML5**, **CSS3**, **JavaScript**, and **AWS** technology, enhancing user experience and driving engagement.
- Built a responsive and **dynamic homepage** with **React.js**, incorporating the latest **UI/UX** design principles to ensure optimal performance, scalability, cross-browser compatibility.
- Collaborated with backend developers to integrate frontend components with server-side logic, ensuring seamless data flow and functionality across the platform, which improved system reliability.
- Deployed the web application on **Amazon Web Services (AWS)** using services such as **Amazon S3** storage, **AWS Lambda** for serverless computing, and **AWS CloudFront** for content delivery optimization, resulting in faster load times and improved user satisfaction.
- Implemented automated **CI/CD pipelines** using **AWS Code Pipeline** to streamline the deployment process, ensuring rapid iteration, testing, and continuous delivery, which reduced deployment time and increased efficiency.
- Utilized **Git** version control, which enabled efficient team collaboration, ensured codebase integrity.
- Led frontend development by following **React.js** best practices, optimizing code, managing state, and using component-based architecture
- Ensured the application met accessibility standards and provided an inclusive user experience by adhering to **WCAG guidelines** and implementing responsive design
- Conducted code reviews and debugging sessions to maintain code quality, troubleshoot issues, and ensure high performance across devices and browsers
- Optimized the web application for speed and performance by using lazy loading, efficient rendering techniques, and reducing asset sizes to improve load times
- Coordinated with stakeholders and project managers to deliver features and updates on time, ensuring alignment with business goals and improving project success
- Researched and integrated new technologies and tools to enhance development efficiency, leading to improved user experience on the platform

**Environment:** Node.Js, React.JS, AWS, GitHub, HTML5, CSS3, JavaScript, Bootstrap, JavaScript.

**Company:** HCL Technologies pvt ltd

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

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### **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** 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.
- 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**.
- 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.
- 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.
- 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.

**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.