

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:

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:

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

Responsibilities:

- Developing a modern, scalable webpage for **Saayam.org** using **React.js**, **HTML5**, **CSS3**, **JavaScript**, and **AWS technology**, aimed at enhancing user experience and driving engagement.
- Building a responsive and dynamic homepage with **React.js**, incorporating the latest **UI/UX** design principles to ensure optimal **performance**, **scalability**, and **cross-browser compatibility**.
- Collaborating with backend developers to integrate frontend components with server-side logic, ensuring seamless data flow and functionality across the platform.
- Deploying 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.
- Implementing automated **CI/CD** pipelines using **AWS Code Pipeline** to streamline the deployment process, ensuring rapid iteration, testing, and continuous delivery.
- Utilizing **Git** for effective version control, enabling efficient collaboration with the development team and ensuring codebase integrity.
- Leading the frontend development efforts by following best practices in **React.js**, including code **optimization**, **state management**, and component-based architecture.
- Ensuring the application meets accessibility standards and providing an inclusive user experience by adhering to **WCAG** guidelines and implementing responsive design strategies.
- Conducting code reviews and debugging sessions to maintain **code quality**, troubleshoot issues, and ensure high performance across different devices and browsers.
- Optimizing the web application for **speed** and **performance** through **lazy loading**, efficient rendering techniques, and reducing asset sizes to improve load times.
- Coordinating with **stakeholders** and **project managers** to ensure timely delivery of features and updates while maintaining alignment with business goals.
- Continuously researching and integrating new technologies and tools to **enhance development efficiency** and improve 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)**

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** and responsible for designing Web pages including **AJAX** controls and **JSON**, **XML**.

- Experienced in designing and developing **Single Page Application (SPA)** using **React.JS** and **site responsive** supporting **4 viewports** like mobile, tab, laptop, and other systems.
- Maintained ES6 standards for my **typescript** code.
- Efficient in building applications using React.JS, that helps in rendering pages on both the **client and server** using the same codebase. Built **components/modules** with **reusable utility methods**.
- Proficient in VBA scripting for MS Excel automation and modification, which improves data processing efficiency and streamlines workflows.
- Contributed to development of user interface, design, and front-end programming for a web application that complies with the given specifications by the client.
- Familiarity with SOAP (Simple Object Access Protocol), which allows for easy integration and data transmission across various software applications.
- Good understanding of Data Structures and Algorithms.
- Used **SOAP** UI tool to test the REST webservice operations.
- Processed JSON data from RESTful web service by using axios to get resources from the database.
- Enhanced user experience through the design & development of **new web features and components**.
- Used **JavaScript** and **XML** to update the web page, **lowering bandwidth usage** and **load time**.
- Created, edited, and maintained **user responsive websites** and **themes**, as well as front-end programming frameworks such as Bootstrap and media queries.
- Designed solutions and Implemented various UI components with **accessibility compliance**.
- Performed **Peer Code Review** & helped the team in enhancing the **code quality** to increase efficiency. Also, worked on **debugging** and fixing the required code logics.
- Contributed as a **primary resource** and guided subordinates in the design and development of **Microsoft Surface Home page** that supports over **50+ languages**.
- Implemented cutting-edge **React components**, enhancing UI/UX and enabling seamless integration with back-end services for **improved functionality**.
- 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.
- Analyzed complex client requirements, developing **tailored solutions** that improved site responsiveness and user satisfaction across multiple devices.
- Advocated for best practices in coding standards, leading to improved code quality and maintainability within the development team.
- Implemented **React.JS** solutions enhancing user interaction, boosting site responsiveness across devices, and improving client satisfaction.
- Worked on responsive design and developed a single **ISOMORPHIC** responsive website.
- **Coordinated** with **Onshore** and **Localization Team** to ensure that all the required 52 languages support the content without any issues to reduce **data flow issues** and **unblock team members**.
- **Automated recurring tasks** to decrease the manual intervention and increase the efficiency & accuracy. One being converting **EXCEL data** to **JSON**, received 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.

Responsibilities:

- Analyzed system/functional requirements and worked on High-level and Low-level Documents.
- 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 & Integration testing** for complete UI after fixing the issues raised in production.
- 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.
- Documented the entire project, which includes all the detailed description of all the functionalities.

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