

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, Angular, 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.
- 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	HTML/HTML5, CSS/CSS3, JavaScript, React.JS, 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
Coursework: Visualization in Data Science, Big Data Analytics, Applied Statistical Methods, Linear Models and Regression Analysis, Database Systems for Data Science, Management Information Systems, Data warehousing and Business Intelligence.
- **Bachelor of Technology**, R.V.R. & J.C College- Guntur, AP Aug'15 – Apr'19
Coursework: C Programming, C++, Data Structures, Computer networks, Circuit Theory, Digital Logic Design, Signals and Systems, VLSI Design, Embedded Systems, Digital Image Processing.

Professional Experience:

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

Responsibilities:

- Volunteering my skills and services to the **Saayam.org** non-profit firm, helping to construct a contemporary webpage utilizing **React.js**, **HTML5**, **CSS3**, **JavaScript** and **AWS** technology.
- Creating a **responsive** and **dynamic** homepage with the **React.js** framework, including current UI/UX design ideas to provide excellent speed, scalability, and cross-browser compatibility.
- Working with backend developers to connect frontend components with server-side logic, guaranteeing smooth data flow and operation.
- Deploying the web application on **Amazon Web Services (AWS)**, including **Amazon S3 storage**, **AWS Lambda** serverless computation, and **AWS CloudFront** content delivery.
- Creating automated CI/CD pipelines with solutions such as **AWS Code Pipeline** or **Jenkins** to expedite the deployment process and assure quick iteration and delivery.
- Using **Git** for version control, codebase management, and collaboration with team members.
- Dedicating your time and expertise to this project demonstrates a dedication to community participation and social responsibility.
- Engaging in web development efforts without financial recompense, motivated by a love of technology and a desire to contribute to significant causes.

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**, **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.
- 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**.
- Work on hot fixes for production issues.
- 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, 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/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.
- Responsible for developing the UI pages using HTML5, CSS3, JavaScript & Bootstrap as per mock.
- Handled cross browser compatibility issues like Chrome, IE, Firefox, and Safari browsers.
- Improved user experience by designing and creating new web components and features.
- Documented the entire project, which includes all the detailed description of all the functionalities.

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