

# Sreenivasa Reddy H

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## PROFESSIONAL SUMMARY:

Experienced Software Engineer Lead with 11+ years of hands-on expertise in software development and team management. Proficient in TypeScript, React, React Native, Redux Toolkit, and Express JS. Skilled in software architecture, coding, testing, and deployment, with a strong troubleshooting ability. Known for driving innovation and delivering scalable, secure solutions that exceed client expectations. A collaborative leader focused on meeting project timelines and budget requirements.

## Work Experience:

**Lead Developer** | Business Intelligence Solutions Inc., Herndon, VA | May 2021 - Present.

- Built **white label app framework** to support multiple client's onboarding.
- Led the development of multiple high-traffic web applications using React.js, resulting in a 20% increase in user engagement.
- Engineered **micro frontend** architecture for a large-scale e-commerce platform, reducing deployment time by 50% and enabling independent team workflows.
- Collaborated with cross-functional teams to deliver a groundbreaking software application, resulting in a 30% increase in operational efficiency.
- Played a pivotal role in the professional development of 4 junior team members by providing ongoing guidance, technical mentorship, and hands-on training.

**Sr. Software Engineer** | Optum Global Services Inc., Chicago, IL | Aug 2018 - May 2021

- Spearheaded the migration of a legacy monolithic application to a micro frontend architecture, resulting in significant improvements in development velocity and user experience, resulting in a cost reduction of 15% in monthly hosting expenses.
- Enhanced application performance by developing advanced features with React.js and Redux, leading to a notable 25% reduction in load times. Improved user engagement and satisfaction through a more efficient and good user experience.
- Demonstrated expertise in harnessing the power of the Google Maps API to seamlessly integrate geolocation functionalities into the application.

**Sr. Software Engineer** | Optum Global Services, Hyderabad, India | Feb 2017 - Aug 2018

- Led the design and architecture of a React Native-based mobile application, enabling seamless integration of various functionalities and ensuring robust performance and user-friendly experience.
- Setup theme management with Native Base IO, and uplifted the look and feel of the application.
- Part of solution building/improvement process initiatives - suggested and enacted various ideas reflected in a 20% decrease in app crashes, a 25% faster load time, and a 15% boost in user engagement.

- Built Microservices with Spring Boot and NoSQL These cutting-edge technologies allowed for the creation of scalable and efficient microservices, enhancing the application's modularity, performance, and data management capabilities

**Sr. Consultant** | Alliance Global Services/EPAM, Hyderabad, India | May 2015 - Feb 2017

- Showcased expertise in creating responsive web pages for various devices, utilizing JSP, HTML, CSS, Bootstrap, and JavaScript. Had user-friendly and visually captivating web interfaces.
- Handled the Web Services using Spring, hibernate, and integrate the service with UI components
- Collaborated closely with the Back-End Development Team to streamline the development process, reducing the time to release new features by 30%, and delivering Exceptional Applications and Customer Experiences.

**Software Engineer** | Value Labs, Hyderabad, India | Aug 2012 - May 2015

- Designed user-friendly data collection forms using a blend of HTML and JavaScript. These forms facilitated the seamless gathering of user information but also incorporated robust validation techniques to reduce data entry errors by 30%.
- Executed robust cross-browser compatibility solutions within the presentation layer, ensuring a consistent and user-friendly experience across various web browsers.
- Expertly developed an AJAX-based application, seamlessly connecting to the backend REST API, and fetching JSON responses. Enabled real-time updates and minimized page reloads, significantly enhancing the user experience.

## Education:

**Bachelor of Engineering** | JNTU, Kakinada, India | Aug 2008 - May 2012

## Technical Skills:

Scripting Languages	JavaScript, TypeScript.
Frameworks	React, Redux, Redux Toolkit, Angular, Spring
Mobile Technologies	jQuery mobile, React Native, Native base io
Server-Side Technologies	Java, Spring Boot, Express Js
Software Testing Tools	Appium, Selenium, Jest, Protractor, Jasmine, Karma,
Servers	Apache, Rack, Thin, Passenger.
Protocols	TCP/IP, FTP, UDP/IP, HTTP, SMTP, REST, JSON, Proto.
Internet Technologies	HTML5, CSS3.
Project Management Tools	Jira, Pivotal Tracker.
Cloud	AWS, Heroku, Sauce Labs, SOASTA
RDBMS / Databases	SQL Server 2017, MySQL, MongoDB, Redis.

## Certifications & Achievements:

**Sun Certified Java Programmer for Java6**  
**MakelTHappen'18 award winner**

## PROJECTS PROFILE:

1	Project	: Order Management Hub	May 2021- till date
	Client	: AT&T Inc, US	
	Tools	: React js, Redux, Redux-Saga, Material-UI, Express.js, React Native, Jest, moment, yup, yarn, Jenkins, React Hooks, Git	
	Role	: Lead Software Engineer (Full Stack)	Team Size - 12

### Contributions:

- Improved code quality through code reviews and automated testing, resulting in a 30% decrease in bugs.
- Introduced performance optimization techniques, reducing page load times by 40%.
- Incorporated Drupal (Headless CMS) and applied State management, redux layer to handle all **content/API calls**.
- Engineered server-side transformers in **Express Js** and **spring boot**.
- Updated Class components to functional components and deployed **React Hooks** for lifecycle methods replacement.
- Actualized **Theme manager** to easily control the theming of the apps for white-label clients.

2	Project	: OptumRx / BriovaRx Member Portal	Feb 2018- May 2021
	Client	: Optum Services Inc., US	
	Tools	: React js, Typescript, Redux, Redux-Saga, Material UI, React Native, Graph QL, Cypress, Mongo DB	
	Role	: Software Engineer (Full Stack)	Team Size - 18

### Contributions:

- Address Cross-Browser Compatibility Challenges by introducing Material UI and UI framework standards.
- Enforced Standard Coding Practices by Implementing **ES Lint** Rules for components development.
- Used **Saga Middleware**, **Redux-Promise** in application to retrieve data from **Back-End**.
- Applied **mock data mechanism** to fasten the delivery cycle if we have backend/API downtime.
- POC's to implement **Graph QL** and **MongoDB**.
- Developed test framework using **Cypress** to write tests for React Components.

3	Project	: OptumRx Member Mobile	
	Client	: Optum Services Inc., US	
	Tools	: React Native Mobile jQuery, Java script, NativeBase.io, Express.js, Jest, Enzyme	
	Role	: Sr. Software Engineer	Team Size - 8

### Contributions:

- Formulated UI style-guide for developers to follow and adhere to best coding practices.

- Integrated Redux to manage the whole state, and instituted a well-maintained store, actions, and reducers.
- Setup storybook and followed development in isolation pattern, created multiple addons to solve application needs like accessibility, theme provider.
- Developed reusable and scalable automation framework for the Mobile apps test automation.
- Implantation parallel execution architecture to run **E2E** tests on android and iOS devices using Appium

4	Project	: Global foundries Portal	
	Client	: Global Foundries, US	
	Tools	: Java, Spring, JavaScript, JSP, CSS, HTML, Node.js, Express.js, MySQL, GIT	
	Role	: Sr. Consultant	Team Size - 16

### Contributions:

- Analysis and create the technical design for functional modules.
- Enhanced Controller for request, response paradigm by Spring Controllers using Spring-MVC. Powered JSON as response type in REST services.
- Crafted forms to collect and validate data from the user in HTML and JavaScript.
- Designed table-less layouts using CSS and appropriate HTML tags as per W3C standards
- Supported in integrating the business layer with DAO layer using ORM tool Hibernate.
- Implemented **Log4J** for Logging Errors, debugging and tracking using loggers.

5	Project	: WebMD-Allergy app	
	Client	: WebMD, US	
	Tools	: JavaScript, CSS, HTML, Java, MySQL, GIT	
	Role	: Software Engineer	Team Size - 8

### Contributions:

- Implemented custom controllers to support OS features in the apps.
- Developed End to End Testing framework.
- Developed push notifications features to notify the user about the tips on allergies
- Integrated the flash content tracker and video player plugins.
- Instigated data encryption layer to have secured transaction on the app.