

SRIDEVI SUBRAMANYA RAJU

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MS graduate with **5+** years of professional experience in designing and developing highly scalable applications and seeking opportunities to work as a Software developer.

EDUCATION

Master of Science, Computer Science

Sep 2021 - Mar 2023

University of California, Riverside, California

Bachelor of Engineering, Information Science

Aug 2010 - Jun 2014

M.V. Jayaraman College of Engineering, Bangalore, India

TECHNICAL SKILLS

Programming Languages Java, JavaScript, C/C++, C#, Python, JSON, XML

Web Technologies HTML5, JQuery, React, Redux, CSS3, Angular, NodeJS, Typescript, Bootstrap

Databases and Frameworks GraphQL, MySQL, MongoDB, PostgreSQL, REST API, Webpack

Software Development Scrum/Agile, Github, JIRA, Jenkins, Postman, Linux, Docker, Kubernetes, SpringBoot

Cloud Platforms AWS EC2 and Lambda, GCP

PROFESSIONAL WORK EXPERIENCE

Sonata Software Ltd, India

Senior Software Engineer(Tech lead)

Jan 2021 - Jul 2021

- Revamped the existing system which increased the site traffic by 30% and cut down cost by **40% using React, Redux and NodeJS**.
- Implemented unit and functional tests using **Jest** to ascertain highest quality of deliverables.
- Engineered over **30 PoCs** for diverse use-cases involving decisioning, data integration and identified over 20 features for product enhancement to ensure customer retention.
- Implemented design patterns to enhance the web application and contributed to the design of the application.

Senior Software Engineer

Apr 2018 - Dec 2020

- Monitored the website performance through Dynatrace and resolved issues that affected the website's performance proactively which reduced the downtime by 10%.
- Migrated and enhanced flight feature from DOJO to React which enhanced user experience and improved sales by 40%.
- Developed reusable code and libraries using **gulp, grunt, and NPM** which improved design feasibility and reduced development time by **60%**.
- Built storefronts with **Spring MVC** frameworks using **SAP Hybris** and leveraged web frameworks to consistently complete product deliverables ahead of schedule in an agile environment.
- Developed applications using **Java, Spring Framework and RESTful APIs**, suggested alternatives or better approaches and designs and help the team shape requirements and resolve ambiguities.
- Spearheaded the implementation of Test and BDD framework using **Cucumber and Selenium** which cut down the vendor cost by **30%**.
- Received distinguished **DNA award** multiple times for taking up other roles and responsibilities and proving to be effective.

Software Engineer

Dec 2014 - Apr 2018

- Designed reusable modules using **React hooks, Redux, NodeJS and microservices** which decreased the development efforts by **50%** and accelerated in product delivery.
- Executed and contributed to applications using **Angular, ASP.net and MSSQL** with an emphasis on front-end features, browser manipulation, and cross-browser compatibility.
- Developed chat applications using **WebSockets and NodeJs** for high-volume web applications.

ACADEMIC PROJECTS

Sentiment Analysis Using Twitter Data. Analysed **100K+** tweets using **Apache Spark** and **HDFS** to extract insights on the sentiments of users of fast fashion brands across the U.S.A.

Formula 1 Race Analytics. Performed data analytics using clustering and classification techniques on Formula 1 race data for years ranging from 1950 - 2021 to help teams devise better winning strategies for future races.

LEADERSHIP

- Served as a trainer for the latest web frameworks - Sass, NodeJs, Angular, React, Redux due to expertise in this area.
- Mentored new software engineers, helped them solve problems and familiarise with tech-stack and project scope.