

# Saravanaselvan SP

Full Stack Web Developer

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## Profile

Experienced Senior Full Stack Developer with over 15+ years of expertise in crafting responsive web applications. Proficient in a wide range of technologies including HTML/CSS, JavaScript, Angular (JS and 2+), jQuery, React JS, Node.js/Express.js, Ruby on Rails, and MySQL. Skilled in deploying applications to AWS EC2 instances and AWS Amplify, ensuring seamless user experiences and optimal performance.

## Skills

React JS

Redux

Chakra UI

Mantine UI

Angular

Javascript

Typescript

Node/Express JS

Ruby On Rails

MySQL

Python

Fast API

Flask

## Work Experience

**Senior Full Stack Developer** React JS/Redux, Chakra UI, Typescript, AWS/S3, react-three-fiber, AngularJS, MySQL

PHOTOGAUGE INDIA

SEP 2022 - AUG 2023

- Created an administrative React JS application using Redux and Chakra UI, offering a comprehensive experience.
- Designed functionalities encompassing YAML file editing, in-browser 3D file viewing using react-three-fiber, intuitive S3 folder file/folder navigation, image gallery viewing, and efficient drag-and-drop file uploads.
- Leveraged AWS Amplify for streamlined React JS app deployments, significantly reducing the build-to-deployment timeline while eliminating the need for DevOps intervention.

**Senior Full Stack Developer** Angular JS, React JS, Bootstrap, Ruby on Rails, MySQL

ELEVEN PLUS EXAMS

NOV 2019 - AUG 2022

- Introduced responsive design in an application, combining Angular JS, Bootstrap, and Rails, enhancing the mobile user experience for exam purchases.
- Spearheaded the transition of an application from Angular JS to React JS, leveraging modern technology for improved performance.
- Architected and built a subscription platform, integrated with Stripe, using Angular JS and Ruby on Rails, providing a streamlined payment experience.
- Innovatively developed a data migration tool, automating a previously manual 1 to 2-hour task daily, facilitating smooth data transfer between student-facing and parent-facing platforms.

**Module Lead** Angular 2.0, Node/Express JS, Typescript, AWS EC2

ASPIRE SYSTEMS

SEP 2016 - OCT 2019

- Demonstrated expertise in adhering to best practices when constructing reusable components, employing Angular 2+ on the frontend and Node.js/Express.js on the backend.
- Led a successful initiative to upgrade Angular 2/Angular Seed to Angular 2+ with Angular CLI, ensuring the adoption of modern development tools and practices.
- Collaborated effectively with the DevOps team to establish an automated deployment process using Jenkins, streamlining project delivery and reducing manual intervention.
- Achieved significant performance enhancements by optimizing a screen with 12 Angular Material tabs through the implementation of the OnPush strategy. This transformation resulted in seamless screen functionality, eliminating a prior 5-second delay even when selecting a radio button.

- Innovatively developed a VS Code extension aimed at generating Mocha Test skeletons for Express.js controllers, enhancing testing efficiency and code quality.

## Full Stack Developer Angular JS, React JS, Bootstrap, Ruby on Rails, MySQL

ELEVEN PLUS EXAMS

JAN 2014 - SEP 2016

- Built an ecommerce web application to Book Exams & Manage Student reports with AngularJS, Bootstrap and Ruby On Rails. Integrated Stripe for handling payments.
- Created a tool using JQuery, JCrop & ImageMagick for the teachers to Crop questions from PDF document and attach them with student reports.

## Lead Developer JQuery, Java, XML/XSLT

TATA CONSULTANCY SERVICES

MAY 2010 - JUN 2013

- Worked on enhancements and bug fixes in a web application built with XML/XSLT, JQuery, J2EE and Oracle.
- Built a reusable JQuery plugin to move items between 2 list boxes.

## Software Developer Java, Servlet, JSP, YUI, DOJO

ASPIRE SYSTEMS

OCT 2006 - MAY 2010

- Involved in building web pages using YUI, DOJO, J2EE & DB2.
- Helped implement Lucene Search (document search similar to Elastic Search)

## Personal Projects

- [Timesheet](#) Simple timesheet app built with React JS, Mantine UI and Firebase [Github](#)
- [My Resume](#) My resume built with React JS and deployed using Netlify [Github](#)
- [Fasttag Costs List](#) A fun project using Gmail API to search the user emails and create a CSV file with the list of toll payments made [Github](#)
- [Generate Mocha Test](#) VS Code extension to automatically generate Mocha Test skeleton from Express JS controllers [Github](#)
- [Create React Component](#) VS Code extension to generate React Functional Component with the respective CSS file [Github](#)

## Education

### B.E. - Electrical and Electronics Engineering

Govt. College of Engineering, Bargur (Anna University)  
2002 - 2006