



# Sivanesh

Front end Engineer

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## SUMMARY

A self-motivated, creative Front End Engineer with 2 years of experience building and maintaining high-performance websites. Proficient in Javascript, React.JS, and Node.JS.

## EXPERIENCE

### Zoho Corporation, Tenkasi — *Member Technical Staff (React Developer at Zoho Desk)*

2019 MAY - PRESENT

Developed high-performance React components.

Creating new features, functionality, and capabilities of the SAAS product using technologies like React.JS, Redux, Node.JS, Javascript.

Reduced 20% of re-renders in our entire product by creating a new ESLint Plugin [@zohodesk/eslint-plugin-react-performance - npm](#) that prompts users for creating unwanted new references in react-redux's connect.

Split code chunks (using Webpack Bundle Analyzer) and reduced the initial load size of our project (in specific pages) by 50%.

Monitoring and improving front-end Performance by 15% and documenting application changes and working on updates.

Performing bug fixes and code reviews. Building stable and maintainable codebases using React with a Test Driven Development (TDD).

Coordinated with the development team of 150 to discuss front-end ideas, enhancing performance, and recommending best practices for peers.

Developed Smart app banner for Android and iOS mobile web.

Saved time and resources by designing a babel plugin that parses our old API action methods to new method conventions.

Developing Node.JS CLIs used by all our internal products.

Setting up and maintaining static code analyzers ESLint, Prettier, Stylelint for the entire project which provides readability, easy to debug, supports best practices and improves performance.

Took sessions for the team on PWA - Service workers, Abstract Syntax Tree with ESLint and Babel plugins, React Performance optimization.

## PRIMARY SKILLS

Javascript, ES6, React.JS,  
Node.JS, Redux,  
ESLint, Babel,  
HTML, CSS  
Npm, git, GitHub  
REST, JSON, AJAX,  
Next JS

## SECONDARY SKILLS

Figma, Express.js,  
Service Workers, PWA,  
GraphQL  
SQL, MongoDB (NoSQL)  
C++, Java

## CERTIFICATIONS

Javascript - [Hackerrank](#)  
React - [Hackerrank](#)  
Problem Solving (Basic) -  
[Hackerrank](#)

## LANGUAGES

Tamil, English

## **Zoho Corporation (Internship), Tenkasi — Member Technical Staff**

2019 JAN - 2019 APR

Developed a shopping app to know the underlying knowledge and logic on full-stack development. (*Java as backend and react as frontend*).

Analyzed and learned about the features and functionalities of one of the most popular and most profitable products of our company Zoho Desk.

Learned and implemented all the concepts in OWASP Top 10 Web application security list in our product.

### **PERSONAL PROJECTS**

#### **Speech to code generation using PWA (Final Year Project)**

A front-end app that uses Web Speech API to get Speech data from users and convert them into JS code with specific keywords.

*Tech Stack: React.JS, HTML, CSS, Web Speech API*

#### **github-oauth-express (Open Source) - [npm package](#)**

A small open-source package for using Github OAuth services for login and for accessing developer-specific APIs.

*Tech Stack: Node.JS, REST, Express*

#### **gist-oauth (Open Source), [npm package](#)**

A Node.JS library for accessing Github's Gists APIs.

*Tech Stack: Node.JS, REST, Express*

#### **portfolio-minimal (Open Source, Fun Project), [GitHub](#)**

A small minimal Portfolio for developers who are tiring of thinking about creating their own new portfolio website.

*Tech Stack: HTML, CSS, JS*

#### **SD Mahal (Landing page for a Wedding Venue), [Link](#)**

A Landing page for a Wedding Venue local. Created with Neumorphism design system in mind.

*Tech Stack: HTML, CSS, JS, React*

### **ARTICLES**

#### **Add Google Login to your React Apps in 10 mins. [Dev Blog](#), [Medium](#), [Github](#)**

Featured in Medium's Main page. (35K+ views in Dev blog)

#### **A Minimalistic Web Portfolio for all devs [Dev Blog](#), [Github](#)**

### **LINKS**

[Stack Overflow](#) - 760+

Reputation, Answers reached 617K+ People.

[HackerRank](#) - 5 Star Problem Solver

### **EDUCATION**

#### **PSNA College of Engineering and Technology, Dindigul — B. Tech Information Technology**

Jul 2015 - May 2019

CGPA - 7.37 / 10

#### **SBOA Mat Hr Sec School, Madurai — 12th Grade**

2014 - 2015

Percentage: 87.9%

#### **SBOA Mat Hr Sec School, Madurai — 10th Grade**

2012 - 2013

Percentage: 95.2%