Sivashanmugam Kannan

Software Developer

Software Developer with **6 years** of work experience with a Bachelor of Technology degree in Computer Science and Engineering primarily working as Web Developer. Through out my 6 year professional career lead many design discussions, engineered complex front end modules, built libraries, created REST API Server, wrote build configurations, deployment configuration. Had hands on experience in the full software development cycle.

sivakannan.in 🌐
sivashanmugam4444@gmail.com ✉
+91 8508874861 ☎
github.com/shivashanmugam
stackoverflow.com/users/2264606

🔧 Tech Skills

`Javascript` `ReactJS` `NodeJS` `Typescript`

</> Programming Experience

Strong knowledge in Core Concepts of

- Object oriented JavaScript, ReactJS, NodeJS
- Test Driven Development
- Writing semantic, maintanalbe effitient program
- REST API Development
- Web optimizations

Good Experience in

- Deployment configurations
- Writing Web Build configurations
- Tools and libraries familier with: Webpack, Storybook, express, socket.io, mongoose, antd, grunt
- Server development with NodeJS, mongoDB
- Developing Responsive User Interfaces
- Creating solutions documents

🎓 Education

2011 — 2015

Bachelor of Technology in Computer Science And Engineering

🏛 SASTRA University   📍 Thanjavur

- Passed with **6.1 CGPA**
- Created a IoT Project for indoor location monitoring with low powered devices using IPv6 and submitted the project in various forums and publications

2009 — 2011

Higher Secondary Schooling

🏛 Laurel Higher Secondary School

- Passed with Percentage of **87%**

2007 — 2009

SSLC

🏛 Government Boys Higher Secondary School

- Passed with the percentage of **90%**

💼 Work Experience

2017 Aug — Now

Embibe (Funtoot Merged)

💼 SDE-II   📍 Bengaluru

- In Funtoot we provided thoughtfully created content mapped questions to CBSC, ISCS school students across India through our software.
- During my period I created a test creation module for teachers which successfully became another cross selling product of Funtoot called (Funtoot Dexa).
- Developing multiple interactive question UI components for students in TV, Web, mobile
- Part UI/UX design discussions
- Responsible for configuring development and production platforms

2015 Aug — 2016 May

Indo Sakura Software Private Limited

💼 Software Developer   📍 Bengaluru

- As a part of team of 5 we delivered successfully multiple projects for Japanese clients with highly constrained timeline with efficiency
- Responsible for Design and development of multiple front end applications

2016 Jun — 2017 Jul

Higher One Financial Technology Private Limited

💼 Technology Trainee   📍 Chennai

- As Trainee and being a part of team of 4, helped the team on new product features and functionality in our finance platform
- I was assigned work that involved learning the product context and technical side of the product.
- I was responsible to create an offshore development portal and successfully completed the portal during my tenure.
- Created a internal communication tools With NodeJS and socket.io

Sivashanmugam Kannan

sivashanmugam4444@gmail.com ✉

+91 8508874861 ☎

📁 Selected Work Projects

2017 | 2018

Educational Content Management System

💼 Funtoot (Merged into Embibe)   📍 Bengaluru

- Developed scalable angular applications and configurable and extendable angular directives for our product's CMS platform
- Developed javascript highlevel plugins to seamlessly integrate external libraries
- Added SASS support for important modules
- Written grunt configuration for express, SASS compilation and packaging
- Used NodeJS, mongoDB with Google auth in the web server
- For access control, defined roles and permissions for each user
- Designed schema for all the collection in mongoDB

2019 | 2021

Online learning platform

💼 Embibe   📍 Bangalore

- Created a world-class educational platform embibe.com which is helping the students to have amazing learning experiences
- Helped the team in early front-end microservice development configurations, CI/CD
- Created intuitive UI components for students based highly researched pedagogical point of view.
- Ensured the modules are compatible with smart TVs, mobile, tablet, web.

2017 | 2018

Educational plugins with translation support

💼 Funtoot   📍 Bengaluru

- Using javaScript created educational plugins for web and mobile
- Written automations to enable translation of content plugins in various Indian languages and it has been widely adapted to different state government school books successfully

📁 Selected Personal Projects

2017 | 2018

Custom AngularJS directive for table generator

- Created a angularJS custom directive for generating high configurable HTML table
- Implemented sort, column search, table search, filter, pagination, selecting rows,row action, table actions, custom coloring for selected rows and specifc columns
- Written extensive documentation for configuration, examples and featured on github

2015 | 2016

Webcrawling wikipedia to Identifying missing data

- Created Webcrawler using NodeJS which gets the details of people pages
- Extracted data through DOM parsing and regular expressions and stored the details in mongoDB
- Analysed data and fixed the missed data in wikimedia API
- Server handles 200 concurrent http request and details retrived from more than 30 lack web pages

2016 | 2017

Image Processing Web App

- Created web application which authorizes users through facebook
- Process authorized images with existing templates using imagemagick nodeJS library
- Deployed server on amazon EC2, Integrated amazon S3 storage, Google analytics API and Facebook advertisement