

# Sivashanmugam Kannan

Full-Stack Software Developer

Software Developer with 3 years of work experience with a Bachelor of Technology degree in Computer Science and Engineering primarily working as Web Developer

sivashanmugam4444@gmail.com

github.com/shivashanmugam

+91 8508874861

stackoverflow.com/users/2264606

## </> Programming Experience

### Strong knowledge in Core Concepts of

- Object Oriented JavaScript
- NodeJS
- AngularJS

### Good Experience in

- Developing Scalable Javascript plugis and libraries with AngularJS and Object Oriented Javascript
- Writing Build configurations
- Tools and libraries familier with: Grunt, SASS, express, socket.io, mongoose
- Server development with NodeJS, mongoDB
- Developing Responsive User Interfaces

## 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%**

## Skills

Javascript

AngularJS

NodeJS

mongoDB

## Work Experience

2017  
Aug  
|  
Now

### Edreams Education Software Private Limited

 Software Engineer  Bengaluru

- Responsible for developing extendable and scalable angular application for our product's CMS
- Created JavaScript plugins for educational content in our product platform
- Developed automation process to translate content plugins to locale languages and successfully integrated into to Maharashtra school text books

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 7, helped the team on new product features and functionality in our finance platform
- Created a prototype for new features and tools
- Helped the team on datbase migration from SQL to mongoDB

## Selected Work Projects

2017  
|  
2018


### ● Educational Content Management System

 **EDreams**  **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

2015  
|  
2016


### ● Internal Group Communication Portal

 **Higher One**  **Chennai**

- Created a minimal working prototype of peer to peer and group communication tool using NodeJS and socket.io for the internal employees with encryption, authentication
- Testing the authentication middleware by running automated test cases in communication APIs

2017  
|  
2018

### ● Educational plugins with translation support

 **EDreams**  **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 specific 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 retrieved from more than 30 lakh 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