# Sivashanmugam Kannan
Full-Stack Software Developer

Software Developer with 2.5 years of work experience with a Bachelor of Technology degree in Computer Science and Engineering primarily working as Web Developer with Love

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## </>Technology Experience

### Strong knowledge in Core Concepts of

- Javascript
- NodeJS
- mongoDB

### Strong Understanding in Asynchronous

- Event handling mechanisms
- IO operations such as HTTP, DB requests
- Data processing mechanisms

### Good Experience in

- Server development with NodeJS, mongoDB
- Developing single page applications with AngularJS
- Integrating 3rd party API, cloud storages
- Front end designing with bootstrap, HTML5, CSS3
- Deploying in remote VM and open stack containers

## 🎓 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   NodeJS   AngularJS   mongoDB

## 💼 Work Experience

**2017 Aug | Now**

### Edreams Education Software Private Limited

💼 Software Engineer    📍 Bengaluru

- Designed and developed content management system and maintaining it
- Owner of multiple educational content rendering engines and plugins for mobile and web
- Created automation to support the educational content in various indian languages

**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
- Designed and developed UI for Electricity management portal
- Full Application support and for a existing Human Resource Management System for a Japanese client

**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 developing and testing important modules and also helped company on individual projects
- Created a prototype for Internal communication portal
- Created portfolio for offshore team
- Helped team in a project to move the DB from SQL to mongoDB

# Sivashanmugam Kannan

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## 📂 Selected Work Projects

2017
|
2018

### Educational Content Management System

💼 EDreams    📍 Bengaluru

- Created web server using NodeJS, mongoDB with Google auth
- Developed highly scalable, high performance, loosely coupled modules with single page UI for the portal using AngularJS
- Integrated advanced text editors and 3rd party modules in the Angular application
- For access control, defined roles and permissions for each user
- Designed schema for all the collection

2015
|
2016

### Internal Group Communication Portal

💼 Higher One    📍 Chennai

- Created a peer to peer and group communication tool with NodeJS and socket.io for the internal employees with encryption, authentication Web UI
- Creating and managing users, user group models and applying CRUD operations for the models
- Testing the authentication middleware by running automated test cases in communication APIs

2017
|
2018

### Educational Content Rendering Plugins

💼 EDreams    📍 Bengaluru

- Using javaScript created educational plugins for web and mobile
- Written automations to enable the educational content to support all Indian languages
- Enabled manual translation support for the content editors using helper tools such as Google translation API etc.

## 📂 Selected Personal Projects

2015
|
2016

### Webcrawling wikipedia to Identifying missing data

- Created Webcrawler using NodeJS which gets the details of people pages
- Extracted actual and metadata 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 request at a time and more than 30 lack web pages analysed

2016
|
2017

### Image Processing Web App

- Created web application which authorizes users through facebook and gathers their images
- Process the images with existing templates results them with a option to share on facebook
- Server deployed on amazon EC2 and Integrated amazon S3 storage, Google analytics API and Facebook advertisement