

Sriram K

Web Developer

Chennai, India

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<https://sriramk89.github.io/myprofile>

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Skills

- **Languages:** Ruby, CoffeeScript, JQuery, Java, Linux, Python, VueJS and AngularJS.
- **Libraries & Frameworks:** Ruby on Rails (Full stack & API), Django.
- **RDBMS:** PostgreSQL, MySQL.

Experience

SOFTURA PRIVATE LTD. - Senior Software Engineer (Full stack Developer)

September 2019 - August 2020

1. Backstitch (Workforce Management Application)

Technologies: Ruby on Rails (v4.2), CoffeeScript, BackboneJS, Marionette and PostgreSQL.

- Fixed application bugs in this micro-service architecture.
- Develop new application features.
- Improved response time for time costly query operations to fetch analytics data.
- Mentored junior associates on MVC concept to those who required understanding.
- Worked in individual as well as peer programming mode.

TATA CONSULTANCY SERVICES LTD. - IT Analyst (Full stack/Back-end Developer)

February 2012 - September 2014 & August 2016 - August 2019 (2 yrs. sabbatical leave to pursue M.E.)

1. Knome (Corporate Social Network Platform) - Full stack Dev

Technologies: Ruby on Rails (v3), CoffeeScript, jQuery, Git and PostgreSQL.

- Worked from May 2012 till September 2014 as a full-stack developer.
- Handled production support from level 2.
- Performed well on developing client version of the product.
- Worked on a challenging task to transfer an entity to another application, after it has crossed a state in its life cycle.
- Mentored junior associates on Rails.

2. HVAC Comfort Analysis & Prediction (HVAC Simulation Application) – Full-stack Dev

Technologies: Ruby on Rails (v4), CoffeeScript, jQuery, Git and PostgreSQL.

- Worked from September 2014 till September 2017 as a full-stack developer.
- Implemented a research work with the aid of simulation software.
- Displayed the result using Heat maps and charts.
- Improved the process of file modification from string manipulation to modifying as Hash using a python package accessible via API end point in a Django application.

3. Simulation of Electricity Generation and Distribution - Front end Dev

Technologies: AngularJS 1.x, Git.

- Worked from October 2017 till December 2017 as a front-end developer.

4. Fresco Play (Digital Learning Platform) - Full stack Developer

Technologies: Ruby on Rails (v5, v5.2), VueJS, PostgreSQL.

- Worked from December 2017 till August 2019 as a full-stack developer.
- Owner of a micro-service application to conduct assessments and evaluate the learner.
- Automated the process of question & answer creation and exposed the APIs to be handled by front-end application.
- Learnt VueJS and created basic course content on it.
- Created a basic CRUD operation app using VueJS with test cases covering 100% for a Hackathon.
- Functioned as SME for Git to create questionnaires and practical tests with validation scripts.
- Upgraded rails version from 5 to 5.2 for the assessment application. Wrote unit test cases using MiniTest and `rails-controller-testing` gem with 100% code coverage.
- Mediated between different entities and integrated applications using SAML protocol.

Education

1. SSN COLLEGE OF ENGINEERING, Chennai.

M.E. (CSE). September 2014 - July 2016. *First class.*

2. PRINCE SVP ENGINEERING COLLEGE, Chennai.

B.E. (CSE). August 2007 - May 2011. *First class.*

Publications

Dr. S. Sheerazuddin, K. Sriram, “Identifying Conflicting Routes in Control Table of Indian Railways Interlocking System using NuSMV”, Volume 146 - No.7, July 2016, International Journal of Computer Applications (0975 - 8887).

Awards

- **Kudos Award**, TCS Training (as trainee), 2012.
- **Faculty Award**, TCS Training (as trainer), 2017.
- **Special Mention Award**, TCS Projects (On completing deliverables), 2014 & 2017.