

# Sriram K

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## Profile Summary

Dynamic and seasoned Senior Software Engineer with 10 years of extensive experience in web development. Proficient in Ruby on Rails technology, leveraging 9 years of expertise to build robust and scalable web applications. Adept in using PostgreSQL for database management and Git for version control, ensuring efficient and reliable development processes. Demonstrated success in managing and mentoring teams, including guiding interns through the development of Proof of Concept projects.

## Skills

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

## Experience

### **KALERIS - Senior Software Engineer (Full stack Developer)**

June 2023 - July 2024

#### **1. Yard Management System (Truck and shipment movement monitoring and control platform, within an inland Yard)**

*Technologies:* Ruby on Rails (v6) and PostgreSQL.

- Resolved the bugs in app as reported by QA.
- Reviewed peer members code.
- Mentored junior and fellow associates on Ruby on Rails and Git concepts when required.
- Revamped the old code to make it better, while the functionality & UI stays unaltered.

### **F22 LABS GLOBAL PVT. LTD. - Sr Ruby on Rails Developer (Backend Developer)**

December 2021 – May 2023

#### **1. Network FP (Online Education Platform for Finance Professionals)**

*Technologies:* Ruby on Rails (v6) and MySQL.

- Engineered the MVP from scratch.
- Implemented various features working alongside with junior team members.
- Engineered secure JWT for different purposes.
- Brainstormed on design discussions for implementing logics.
- Mentored junior and fellow associates on Ruby on Rails concepts when required.
- Started off with implementing quality metrics like Unit Tests and Code Coverage.

## **2. SkyMD (Online Cosmetics, Dermatology and Primary Care Consultation for US)**

*Technologies:* Ruby on Rails (v4) and MySQL.

- Engineered few of the application features.
- Contributed by working in individual and peer programming mode.

## **PAYODA TECHNOLOGIES LTD. - Senior Project Specialist (Full stack Developer)**

October 2020 - December 2021

### **1. My Theo (Real Estate Management Application)**

*Technologies:* Ruby on Rails (v5.2), CoffeeScript and PostgreSQL.

- Engineered new application features.
- Fixed application bugs.
- Mentored junior and fellow associates on Ruby on Rails concepts when required.
- Worked in individual as well as peer programming mode.
- Suggested on implementing quality metrics like Code Quality and Unit Tests.

### **2. CoE Projects**

- Worked on developing POCs in various technologies such as HTML & JQuery, ASP.NET API, React JS, Vue JS and PostgreSQL DB.
- Functioned as a Team Lead with 3 intern folks and achieved the result expected.

## **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.
- Translated the web page designs into HTML code.

#### 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.
- Learned 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. ANNA UNIVERSITY, Chennai.

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

#### 2. ANNA UNIVERSITY, 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

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