Sriram K

Web Developer

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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

PAYODA TECHNOLOGIES LTD. - Senior Project Specialist (Full stack Developer)
October 2020 - Present

1. **My Theo (Real Estate Management Application)**
   Technologies: Ruby on Rails (v5.2), CoffeeScript and PostgreSQL.

- Develop 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.

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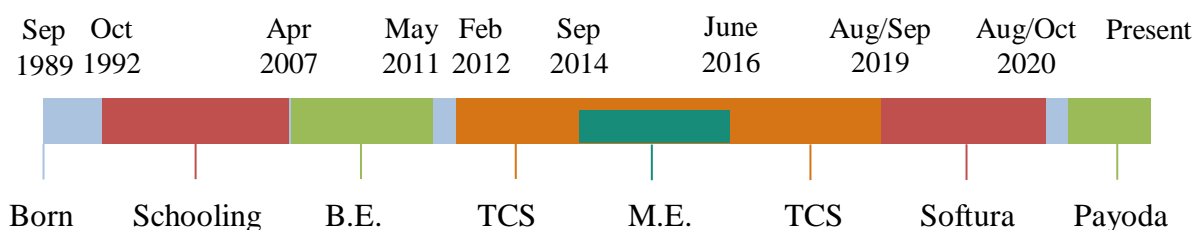
- Worked from May 2012 till September 2014 as a full-stack developer.
- Handled production support from level 2.
- Performed well on developing client version of the product.
- Worked on a challenging task to transfer an entity to another application, after it has crossed a state in its life cycle.
-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

Timeline

Sep 1989	Oct 1992	Apr 2007	May 2011	Feb 2012	Sep 2014	June 2016	Aug/Sep 2019	Aug/Oct 2020	Present

Born	Schooling	B.E.	TCS	M.E.	TCS	Softura	Payoda

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.