

# Senthil Velu Sundaram

Chennai, India  
+91-9840814955  
vss123@gmail.com  
<http://siliconsenthil.in>

*I've been building applications with technologies suitable like Ruby on Rails, Java, JavaScript and Scala.*

*I love resilient architectures. I love scala. I love ruby and javascript. I love small teams that work in a lean way to get things done. I love vim. I love IDEs. I love building stuff that are highly scalable. I love to travel. I love mentoring and building teams.*

*I love visualising ideas and making it real with nimble methods and tools.*

---

## Technical Skills

**Like:** rails, ruby, javascript, jquery, angularjs, git, scala, scalability, tdd, vim, twitter-bootstrap

**Dislike:** .net

---

## Experience

**Application Developer** – ThoughtWorks

April 2009 - Current

ruby-on-rails, rails, rspec, javascript, mongodb, postgresql, angularjs, git, scala, scalability, tdd, vim, backbone.js, jquery, android, css, twitter-bootstrap

Been part and been a lead in small teams that deliver projects. Was responsible for overall delivery and keeping the codebase clean. Mentored the junior members.

---

**Software Engineer** – Satyam Computers

September 2006 - April 2009

java, struts, javascript, db2, websphere

Was a part of a team that built application for one of the automobile clients. Handled a complex module and scaled the application. Ported the application with few modifications to a different unit of the same client.

---

## Education

**Bachelor of engineering** – Anna University

2002 - 2006

Won many circuit debugging challenges.

---

## Projects & Interests

**WeGift, an app. to collaborate for gift** – <http://letsgift.herokuapp.com/>

ruby-on-rails, faye, heroku

It helps to choose a gift for an event. It extracts metadata from shopping website (e.g. flipkart) urls and adds the option. There can be discussion and voting. It's a single-page realtime app.

From idea to design and development. Of course, with a small team.

---

**GitHub - commit\_param\_routing** – [https://github.com/siliconsenthil/commit\\_param\\_routing](https://github.com/siliconsenthil/commit_param_routing)

October 2013

Gem that helps rails project to route to different controller actions based on commit param of the form

---

**GitHub - reek\_viewer** – [https://github.com/siliconsenthil/reek\\_viewer](https://github.com/siliconsenthil/reek_viewer)

June 2012

rubyのメトリクス測定ツールreekの出力を、HTMLに整形して出力するツール。

---

**Jprece2006** – <http://jprece2006.herokuapp.com/>

google, google-maps-api

This is a small web-app to show, where our batch-mates are.

I did everything. :)

---

**GitHub - vim** – <https://github.com/siliconsenthil/vim>

September 2011 - December 2013

---

**GitHub - vim-rspec** – <https://github.com/siliconsenthil/vim-rspec>

August 2013

Run Rspec specs from Vim

---

**GitHub - tconsole** – <https://github.com/siliconsenthil/tconsole>

February 2012

Testing console for Rails. Helps out with test performance and also makes it easier to run specific tests

<b>GitHub - tire</b> – <a href="https://github.com/siliconsenthil/tire">https://github.com/siliconsenthil/tire</a>	<i>February 2012</i>
A rich Ruby API and DSL for the Elasticsearch search engine/database	
<b>GitHub - crize</b> – <a href="https://github.com/siliconsenthil/crize">https://github.com/siliconsenthil/crize</a>	<i>November 2012</i>
Crop and resize an uploaded image using canvas	
<b>GitHub - jprece2006</b> – <a href="https://github.com/siliconsenthil/jprece2006">https://github.com/siliconsenthil/jprece2006</a>	<i>November 2010 - April 2011</i>
Group application	
<b>GitHub - tabs_on_rails</b> – <a href="https://github.com/siliconsenthil/tabs_on_rails">https://github.com/siliconsenthil/tabs_on_rails</a>	<i>August 2013</i>
Tabs on Rails is a simple Rails plugin for creating and managing tabs and navigation menus.	
<b>GitHub - openlibrary</b> – <a href="https://github.com/TWChennai/openlibrary">https://github.com/TWChennai/openlibrary</a>	<i>December 2012 - October 2014</i>
the openlibrary project	

## Writing

**If else or Switch case to Polymorphism - siliconsenthil.in –**  
<http://siliconsenthil.herokuapp.com/blog/2011/04/15/if-else-or-switch-case-to-polymorphism/>  
 How to convert if-else blocks to OO

**Onclick link disabling with jQuery - siliconsenthil.in –**  
<http://siliconsenthil.herokuapp.com/blog/2011/04/15/onclick-link-disabling-with-jquery/>  
 A very simple JQuery function to disable links on click

**How we debugged memory leak in a rails app. - siliconsenthil.in –**  
<http://siliconsenthil.herokuapp.com/blog/2013/01/19/how-we-debugged-rails-memory-leak/>  
 How we debugged memory leak in a rails app.

**Memory leaks with validation\_scopes - siliconsenthil.in –**  
<http://siliconsenthil.herokuapp.com/blog/2013/01/19/validation-scopes-leaks-memory/>  
 Memory leaks with validation\_scopes

## Tools

**Favorite Editor:**      vim