

Swamy Gopalsamy

Full stack developer specializing in Ruby on Rails and React.

San Francisco, CA

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EXPERIENCE

Homelight Inc, San Francisco — Senior Software Engineer

SEP 2017 - Present

HomeLight is a one stop place to find the best agent to buy or sell your home. We also provide mortgage, title & escrow, and other real estate services.

- Worked across the stack on a Ruby/Rails backend and a React and EmberJS frontend.
- Implemented Blind Intro logic in Ruby backend which helped Sales Consultants spend less time looking for customer info.
- Implemented upgraded redesign of Simple Sale page using SlickJS, Tippy, Popper javascript frameworks.
- Implemented Feature Flag functionality across the HomeLight ecosystem using Rollout Gem Library.
- Added backend and frontend functionality for leads to be introduced to iBuyers using Ruby/Rails and EmberJS.
- Added ability to create multiple sister leads to a lead without replicating customer information using Ruby/Rails, EmberJS.
- Implemented an efficient Sales Executives compensation algorithm using Ruby/Rails and HTML/Javascript and Rake and Sidekiq.
- Implemented Waterfall algorithm to enhance lead response from Real Estate Agents using Sidekiq queuing, Rails, and Heroku Scheduler.
- Created a portal for the Closings Team to send emails and process leads using HTM, SCSS, Javascript, Rails, Sidekiq.
- Add ability to create Fully Funded Mortgage leads reusing existing workflow with HTM, Javascript, Ruby/Rails.
- Expand agent settings functionality using SVG badges.
- Implement beautiful landing pages using HTML/CSS/JS.
- Implement various new Quiz flows as A/B tests using Split Library, Ruby/Rails, React, JSX.
- Tested code by using Rspec, Capybara and other frameworks.
- Interviewed many prospective employees.
- Mentored junior-mid level employees and Pair Programmed with them.
- Fixed many bugs in the codebase, extract code into Microservices, worked with HomeLight API services as well.

CURRENT SKILLS

Languages and Framework:

Ruby/Rails, Capybara,
Cucumber, RSpec, Mocha,
Python/Django

Javascript technologies:

React, EmberJS, jQuery,
Jasmine, Jest, JSX, ES6,
CoffeeScript, plain Javascript.

Databases:

PostgreSQL, MySQL

Other Technologies:

HAML, SASS, CSS3, HTML5,
Material UI, Bootstrap,
Responsive Design, Heroku,
Redis, Sidekiq, Redis, Sidekiq,
Stripe, Twilio, AWS Services
(S3, CloudSearch)

WORK AUTHORIZATION

H1-B

EDUCATION

San Jose State University,

CA — M.S. in Software Engg

AUG 2009 - APR 2012

College of Engg, Guindy,

India — B.Tech in Information
Technology

JUN 2002 - MAY 2006

Hearsay Systems, San Francisco — Senior Software Engineer

OCT 2016 - AUG 2017

Hearsay offers a suite of applications for financial advisors and agents to effectively use social media, websites, text messaging and email to build stronger relationships that grow business.

- Worked on a Python/Django backend and Javascript/Backbone/FB React frontend stack at Hearsay Systems.
- Implemented additional roles to give more granular control over who gets to post, like and comment on social media posts.
- Helped migrate MySQL tables from utf8 to utf8mb4 to properly support use of emojis.
- Created a jQuery plugin that uploads files to Amazon S3 direct from the browser by leveraging CORS support.
- Implemented video publishing to Facebook via API on Hearsay social media administration platform.
- Converted video publishing to work asynchronously on a pub/sub infrastructure so that multiple videos can be published simultaneously.
- Using React, implemented the frontend portion of a new “Action List” that enables a customer to schedule upto 3 posts for publishing with a single click.
- Converted tests from old Jasmine framework to newer Jest framework as part of “Spring cleaning”.
- Reviewed many pull requests submitted as part of the rigorous code review process at Hearsay.
- Provided on-call support every 6 weeks where I worked in tandem with customer success team to ensure customer technical issues were resolved quickly.
- Squashed many bugs both on the backend and the frontend.
- Tested code by using Python unittest and Jasmine/Jest.

GoodGuide, San Francisco — Software Engineer

JAN 2013 - JUNE 2016

GoodGuide helps consumers make greener choices and helps large retail chains become more sustainable. My projects at GoodGuide include:

- Making goodguide.com mobile responsive using Foundation CSS framework.
- Using Facebook React to reduce the load time of data tables that are built using Backbone and Marionette.
- Implemented bulk editing and addition of product data using Backbone/Marionette on frontend and using Sidekiq to queue work on the backend.
- Converting existing Cucumber and Capybara tests to use PageObjects instead of directly referencing HTML selectors.
- Implemented several key features like accounts page, user profile

- page, dashboards and ratings/data view pages on ulpurview.com.
- Wrote rake tasks that had custom requirements for data extraction from the GoodGuide science team.
- Conducted interviews and on-boarded employees starting new work.

Apart from debugging several bugs, I implemented a number of features for GoodGuide's consumer and B2B platform, since it's early days. All features are tested with Cucumber, Capybara and RSpec along with Jasmine.

Manilla LLC, San Francisco — *Software Engineer*

SEP 2010 - JAN 2013

Manilla was an online bill and finance management portal. I worked on implementing full stack features, troubleshooting bugs and helped build project that uses asynchronous queue based communication to scrape data from target websites using Javascript, Ruby/Rails, JRuby and various open-source technologies like Resque.

Slideshare, New Delhi — *Software Engineer*

MAR 2008 - MAY 2009

Slideshare is a presentation sharing tool running on Ruby on Rails. My primary role was to implement new features and fix existing bugs on the site. I designed and implemented Categories, Contests and Channels while working there. Used PrototypeJS and JQuery for engineering frontend functionality.

Oracle Financial Solutions, Chennai — *Software Engineer*

OCT 2006 - DEC 2007

Worked with J2EE on various projects for Citigroup.

