Giridharan Senthilkumar
Senior Ruby on Rails Developer

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- ⚑ Indian
- Single

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- 📍 Bengaluru, India
- 📅 20th April
- ⚥ Male

🪪 PROFESSIONAL SUMMARY

- **6+ years of experience in Ruby on Rails**, designing and optimizing **scalable, high-performance web applications**.
- Expertise in **RESTful & GraphQL APIs**, **third-party integrations** (Stripe, PayPal, Twilio, OpenAI API), and **database optimization** (PostgreSQL, MySQL, MongoDB).
- Skilled in **cloud deployment (AWS, Heroku, DigitalOcean)**, **containerization (Docker)**, and **CI/CD automation (Capistrano, GitLab CI)**.
- Strong knowledge of **asynchronous processing (Sidekiq, RabbitMQ), caching strategies, and microservices architecture**.
- Experienced in **Rails upgrades, system refactoring, and performance tuning** to improve **security, maintainability, and efficiency**.
- Passionate about **TDD, clean coding practices, & mentoring** to drive **engineering excellence & team growth**

🧠 SKILLS

Programming Languages
Ruby (2.8 to 3.1), JavaScript, Python

Frontend Technologies
HTML, CSS, Bootstrap, AJAX, React.js, Backbone.js

Tools IDE's & OS
Rubymine, Sublime, VScode, Atom, Mac, Linux

App/Web Servers
Puma, Unicorn, Nginx, Apache

RoR Gems
Activecord Import, Paranoia, Kaminari, Simple Form, Pry, Better Errors, Letter Opener, RSpec Rails, CANCANCAN, DEVISE, Ruby-JWT, ACTIVE ADMIN, Rails Admin, Active Merchant, Robocop, Carrierwave, Minimagick, Capistrano, graphql, jsonapi-serializer, ElasticSearch, Bullet, Sidekiq, AWS SDK Core, And so on..

Frameworks & Libraries
Ruby on Rails (**4.2** to **7.0**), GraphQL, Liquid Template Language

Databases
SQLite*, PostgreSQL, MySQL, MongoDB,* Amazon DynamoDB

Code Storage
GitHub, GitLab, Bit-Bucket

Cloud & Servers
AWS (S3, EC2, Lambda), DigitalOcean, Heroku

Third-party integrations
Stripe, PayPal, OmniAuth, Twilio, SendGrid, FCM, Amazon S3, Rollbar, Google API's (Maps, Calendar, Sheets, Cloud), OpenAI API, CoreLogic, Price Finder, Zapier, And so on..

💼 WORK EXPERIENCE

Senior Software Engineer III, MRI Software ⬈   07/2023 – present │ Bangalore, India
- Led **Ruby on Rails and PostgreSQL upgrades**, ensuring better security, performance, and maintainability.
- Refactored and optimized **Rails application architecture**, reducing **technical debt** and enhancing system efficiency.
- Developed **GraphQL APIs** for improved frontend-backend communication and data fetching.
- Integrated multiple **third-party APIs** (CoreLogic, Price Finder, Zapier, Property Tree, Okta OAuth) for seamless data synchronization.
- Built **containerized microservices** using **Docker** to optimize application scalability and efficiency:
- Designed and deployed **push notification systems** to enhance real-time user engagement.
- Developed **custom Rails Admin search functionality**, improving data access and user experience.
- Developed **branching-based automation workflows.**
- Conducted **code reviews and mentorship**, fostering best practices in **Ruby, Rails, SQL optimization, and API development**.
- Integrated **OpenAI API** to generate **automated property advertising copy**, enhancing marketing efficiency.
- Worked with **Liquid Template Language**, enabling dynamic content rendering for property listings and client communications.
- Advocated for **test-driven development (TDD)** to enhance code quality and reduce production issues.

Ruby on Rails Developer, ByteForza Technologies ⬈   02/2021 – 06/2023 │ Coimbatore, India
- **Communicated with customers** to design solutions tailored to their requirements.
- Designed the **front-end application** using **Rails (ERB), HTML, CSS, Sass, AJAX, and jQuery**.
- Used and created **helpers, plugins, gems, and modules** to ensure **DRY, reusable code**.
- Implemented and enhanced **CRUD operations** using the **MVC architecture** of the **Rails framework**.
- Performed **database modeling and design**, contributing to the **development and implementation** of web applications using **Ruby on Rails**.
- Optimized **queries** and worked on **performance tuning** (**PL/SQL, indexing, table partitioning, and range partitioning**).
- Implemented **AMQP messaging** on **RabbitMQ**, handling **synchronous and asynchronous communication** with **IoT devices**.
- Scaled **web applications** using **message queuing** with **Sidekiq**.
- Integrated **Google Maps API** and **Geocoder API** for **location-based features**.
- Managed the **entire project lifecycle**, from **requirements gathering** and **planning** to **deployment on Heroku**.

Ruby on Rails Developer, AutoAttend ⬈   02/2019 – 02/2021 │ Coimbatore, India
- Developed **authentication systems** from scratch using the **Rails stack**, including **admin features**, **login/logout**, and **signup** functionality.
- Implemented **user mailing modules** with **ActionMailer** and developed **validation methods** to ensure **data integrity** and manage **associations** between tables.
- Utilized **application and session objects** for **data storage** and optimized **database queries** with **caching** for improved efficiency.
- Created **reusable partials, layouts, and helper functions** to maintain **consistency** and reduce **code repetition**.
- Integrated **Ajax** for **dynamic page updates** and wrote **JavaScript functions** when necessary.
- Managed **database migrations** and wrote scripts for **schema modifications**.
- Deployed applications using **Unicorn on Nginx**, with **GitLab** for **version control** and **Capistrano** for **automated deployments**.

📁 PROJECTS

Eagle Software, MRI Eagle CRM   09/2023 – present
MRI Eagle CRM is a **comprehensive real estate management platform** designed to streamline property listings, client interactions, and sales pipelines for real estate agencies. The platform integrates with multiple third-party services to automate lead management, property data retrieval, and customer engagement.

Tech Stack: Ruby, JavaScript, Ruby on Rails, Rspec, React.js, PostgreSQL, GraphQL, REST APIs, Sidekiq, Redis, OAuth (Okta), Devise, Docker, Git, GitHub Actions

Box+Dice, MRI real estate software   06/2023 – 08/2023
Box+Dice CRM is a **real estate customer relationship management (CRM) platform** designed for real estate agencies to manage sales, listings, client interactions, and marketing campaigns. It focuses on **automating workflows**, **improving lead management**, and **enhancing collaboration** among real estate professionals.

Tech Stack: Ruby on Rails, JavaScript, Backbone JS, Liquid Template Language, OpenAI, Rspec, React.js, PostgreSQL, REST APIs, Resque, Redis, Docker, Git, GitHub Actions

GoTrack,
GPS Tracking Devices for Cars & Trucks GoTrack™ GPS Tracker
GoTrack is an **online vehicle tracking system** that provides **real-time GPS tracking** for fleet management, personal vehicles, and businesses. It helps users **monitor vehicle locations, track routes, improve security, and optimize logistics**.

Tech Stack: Ruby 2.7.1, Rails 6.1, ERB, HTML, Sass, CSS, AJAX, GitHub, JavaScript, JQuery, RabbitMQ, Carrierwave, RoboCop, Sidekiq, Geokit, Google Map API, will_paginate, PostgreSQL, Amazon DynamoDB, Heroku, Ubuntu OS

Adventure Kids Playcare, Child's Daycare Centre ↗
Adventure Kids Playcare is a **drop-in childcare and playcare center** that provides **flexible, hourly childcare services** for parents. It focuses on offering a **safe, fun, and educational environment** for children while parents run errands, work, or enjoy a night out.

Tech Stack: Ruby 2.6.0, Rails 5.2.3, Action Cable, AJAX, JavaScript, CSS, JSON, Caching, wkhtmltopdf, cancancan, Redis, ImageKIt, Digital Ocean, Unicorn, PostgreSQL, Capistrano

🎓 EDUCATION

MSc in Computer Science, Ramakrishna Mission Vivekananda   2017 – 2021 | Coimbatore, India
Educational and Research Institute

Diploma in Information Technology,   2014 – 2017 | Coimbatore, India
Sri Ramakrishna Mission Vidyalaya Polytechnic College

✒️ DECLARATION

I hereby declare that all the information provided above is accurate to the best of my knowledge.

Giridharan S
Coimbatore