

# Siddharthan Sarumathi Pandian

+91 8095128629,

[siddharthan@outlook.com](mailto:siddharthan@outlook.com)

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## Skills

Languages: JavaScript (NodeJS, ReactJS), Ruby, PHP, Shell

DBMS: MongoDB, MYSQL

Others: RabbitMQ, Docker, Terraform, AWS Lambda

## Education

Bachelor of Engineering in Computer Science and Engineering at Manipal Institute of Technology, Manipal, India (July 2010 - July 2014)

## Work Experience

### **Software Engineer at Radius Agent, Bangalore** (April 2018 – Present)

I can be found designing a feature, building API routes, fixing bugs, writing a cron job/migration script, refactoring legacy code and reviewing PR's on an average day at Radius, which is a social/referral network for real estate agents in the US.

Some of my notable work at Radius Agent:

- Implemented the social network feed for Radius from scratch.
- Broke down a legacy monolith into microservices.
- Built an in-house call center tool used by the sales team to validate referrals submitted to the Radius Agent, I also worked on the front-end single handedly here, in addition to my primary tasks on the backend.
- Developed the in-house recommendation algorithm which enables real estate agents to close deals faster.
- Built Radius's support for various CRM integrations, leads submitted to Radius Agent will also get backed up to different third party CRM's.
- Built multiple internal dashboards to monitor various KPIs.
- Built Radius Agent's notification services (emails and texts), using SendGrid and Twilio.
- Others: actively participate in the hiring process, set up a code review process, streamlined new employee onboarding.

### **Software Engineer at Hashnode, Bangalore (January 2017 – March 2018)**

Hashnode is a social network for developers. I did the following at Hashnode:

- Built an in-house solution for image manipulation using S3, Cloudfront and ImageMagick. This enabled Hashnode to move away from Cloudinary and saved the company \$500 per month.
- Shipped and maintained multiple internal api-end points and microservices for use by the front-end teams.
- Set up a CI/CD pipeline to automate the deployment process and handled the DevOps for Hashnode.
- Conducted technical interviews and hired 2 engineers for Hashnode.
- Curated the Hashnode weekly newsletter in my capacity as the editor-in-chief between February and August, 2017.

### **Software Engineer at Shippable, Bangalore (November 2015 – December 2016).**

Shippable is a CI/CD platform. I was a full stack developer there and worked with the MEAN stack. I did the following at Shippable:

- Worked as the lead engineer of the pipelines team and integrated various cloud deployment services such as Google Container Engine and AWS EC2 Container Service into Shippable.
- Implemented payments for the product using PayPal's Braintree.
- Mentored two first year engineers in my capacity as the lead engineer of the pipelines team.

### **Software Engineer at Altair Engineering, Bangalore (July 2014 – November 2015)**

At Altair Engineering, I worked as a full stack developer and worked for the team which built the music streaming app WEYV. I also interned at Altair Engineering in the same project as a developer between February 2014 and June 2014 and was offered a full-time role, post the internship

I did the following at Altair Engineering:

- Was a part of the backend team and built REST APIs using Ruby's Sinatra framework.
- Built a microservice using NodeJS's socket.io library for live tracking of music consumption on the clients.
- Refactored API legacy code we had inherited to improve performance; my work mainly involved reducing the number of calls made to the DB.
- Coded the UI for the web app.

### **Non-Tech interests**

Chess, Autobiographies, PS4 and History.