

## Siddarthan Sarumathi Pandian

Staff Backend Engineer with 11+ years of experience building scalable systems, leading high-impact teams, and shipping products used by 10M+ users.

[LinkedIn](#) | [GitHub](#) | [About me](#) | [Schedule a call](#) | siddarthan@outlook.com

## Skills

Tech: PHP, Ruby, Python, JavaScript (Node.js, React), SQL, MongoDB, Redis, RabbitMQ, AWS, GCP

Others: Software Architecture, Distributed Systems, System Design, Engineering Leadership

## Professional Experience

### Automatic, Software Engineer (IC)

*November 2021 – April 2025*

While [Automatic](#) didn't use formal titles, I operated in a Staff Engineer capacity. The backend codebase was closed-source, but you can view my merged PRs to the [Jetpack](#) and [Calypso](#) repositories.

- Led end-to-end development of Jetpack Social, integrating 7+ platforms (Bluesky, Facebook, Instagram, etc.) and enabling **3M+ daily shares via a fault-tolerant** scheduling system.
- Modernized a 12-year-old codebase by creating the **Publicize Composer package**, reducing duplicate code by 40% across WordPress.com and Jetpack
- Designed and implemented a scalable encryption solution for **10M+ OAuth tokens** following a Facebook audit, eliminating token-related security risks
- Enforced strict code quality standards, catching 90% of critical bugs during PR reviews before they reached production
- **Led a team of 2 engineers** during the team lead's sabbatical, ensuring seamless project continuity while maintaining hands-on contributions (feature development, critical bug fixes)
- Drove product turnaround initiatives **that reversed an 11-month decline** in Jetpack Social's MAUs, hitting a key inflection point within 3 months through performance optimizations, and experimental launches
- Successfully transitioned from peer to leader, earning trust through transparent 1:1s, constructive feedback, and performance reviews.
- **Recognized with an offer for permanent Engineering Lead** (declined to return to IC work)

### Radius Agent, Technical Lead

*April 2018 – October 2021*

At [Radius Agent](#), a virtual real estate brokerage, I developed **proprietary recommendation algorithms** and **in-house call center** tools using **React, RabbitMQ, Twilio, Node.js, and PHP**—saving **\$10,000/month**, doubling deal closure rates, and streamlining referral processing.

### **Hashnode, Backend Engineer**

*January 2017 – March 2018*

At [Hashnode](#) (developer social network), I contributed to feature development, fixing bugs, writing cron jobs and migration scripts in **Node**.

### **Shippable, Software Engineer**

*November 2015 – December 2016*

At [Shippable](#) (which was later acquired by JFrog), my main focus was **building integrations** that enabled **Docker-based** deployments to Google Kubernetes Engine (GKE) and Amazon ECS (Elastic Container Service). These integrations helped automate deployment workflows for thousands of companies.

### **Altair Engineering, Software Engineer**

*February 2014 – November 2015*

At [Altair Engineering](#), I worked as a backend engineer on the team that built the music streaming app WEYV using **Ruby, Angular, and Node**. I originally joined as an intern on the same project from February to June 2014 during my final year of college, and was offered a full-time role afterward.

### **Education**

Manipal Institute of Technology, Manipal, India

Bachelor of Engineering in **Computer Science and Engineering**

July 2010 – July 2014