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, RabbitMQ, AWS, GCP, Prometheus
Others: Software Architecture, Distributed Systems, System Design, Engineering Leadership

Professional Experience

Automattic, Staff Software Engineer
November 2021 – April 2025

While Automattic 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.
- Designed and implemented a scalable encryption solution for **10M+ OAuth tokens** following a Facebook audit, eliminating token-related security risks.
- Modernized a 12-year-old codebase by creating the **Publicize Composer package**, **reducing duplicate code by 40%**.
- Enabled revenue growth by launching tiered payment plans **via Stripe integration.**
- Enforced strict code quality standards, catching 90% of critical bugs during PR reviews before they reached production**.**
- **Led a team of engineers** during the team lead's sabbatical, ensuring seamless project continuity while maintaining hands-on contributions.
- 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**.

Radius Agent, Technical Lead
April 2018 – October 2021

- At Radius Agent, I developed **proprietary recommendation algorithms** and **in-house call center** tools using **React, RabbitMQ, Twilio, Node.js, Golang** and **PHP**—saving **$10,000/month**, doubling deal closure rates, and streamlining referral processing.
- Built and maintained end-to-end CI/CD pipelines using **Terraform, Buddy CI, AWS, and GCP**, fully automating deployments for 6+ production microservices and **reducing manual ops to zero**.

Hashnode, Backend Engineer
January 2017 – March 2018

At [Hashnode](#) (developer social network), I designed and built scalable features, developed API routes, resolved bugs, wrote cron jobs, refactored legacy code, and collaborated on code reviews to assure high-quality releases.

- **Saved $500/month** in operational costs by building in-house image manipulation solution with **S3, Cloudfront, AWS Lambda and ImageMagick**, replacing Cloudinary and enhancing platform efficiency.
- Oversaw infrastructure and deployment as part of DevOps operations with emphasis on seamless automation and management of systems, contributing to platform stability and scalability.

Shippable, Software Engineer
November 2015 –December 2016

At [Shippable](#) (which was later acquired by JFrog), I developed integrations to enable Docker-based deployments to GKE, Amazon ECS automating workflows for thousands of companies. Contributed to key projects using MEAN stack to raise platform capabilities and optimize CI/CD processes.

- Worked on integrating cloud deployment services like **Google Container Engine, Docker Cloud, and AWS EC2 Container Service** into Shippable, expanding deployment options.
- Streamlined user transactions and improved payment processing efficiency by executing PayPal's Braintree integration to simplify payment functionality for smooth experience across products.

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**.

- Refactored legacy API code to improve performance, focusing on optimizing database calls to reduce load and increase efficiency.
- Developed REST APIs using Ruby's Sinatra framework as part of the backend team, ensuring seamless functionality for the app.

Education
Manipal Institute of Technology, Manipal, India
Bachelor of Engineering in **Computer Science and Engineering**
July 2010 – July 2014