

Gurusubramaniam Sundararaman

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Engineering Leader

Experienced Engineering leader with a strong background in software development, I am known for building and managing high-traffic web applications and services. My leadership experience spans on-site and remote teams. I have a proven record of fostering innovation and operational excellence at companies like Greenlight, Paypal. I excel in guiding scrum teams to craft and deploy pioneering solutions that elevate customer experiences and streamline workflows. Committed to mentorship, I cultivate a continuous learning and improvement culture within my teams.

Proven expertise in modernizing platforms, optimizing engineering efficiency, and launching scalable products that serve Millions of users. Passionate about growth strategy, automation, and operational excellence with a track record of achieving:

 10% QoQ signup growth by replatforming Greenlight's monolith.

 25% engineering time reduction via reusable UI component strategy.

 \$100M+ consumer savings through PayPal Shopping & Honey integration.

Skills

Proficient in Distributed Systems, Web Applications, and Client-Server Architecture | JavaScript (Object-oriented), Node.js, React.js, GraphQL, Python, Ruby, Java | Docker | Kubernetes | AWS Services: EC2, S3, Lambda, DynamoDB, SQS, SNS, SES, Cloudfront, CloudSearch | Technology Platforms & Agile Methodology | IT Project Management & Coordination | Financial Tracking & Budgeting | Scheduling & Meeting Coordination | Documentation & Reporting | Agile & Scrum Methodologies | Stakeholder Communication | Risk Management & Issue Resolution

Professional Experience

TORCH.IO - REMOTE, NC

Senior Engineering Manager | Oct 2024 - Feb 2025

- Led and inspired a high-performing frontend scrum team, ensuring seamless project delivery and team cohesion.
- Strategically spearheaded platform modernization initiatives, aligning with business objectives and enhancing scalability.
- Transitioned from monolith to modular web apps and microservices, improving maintainability.
- Developed and implemented engineering strategies that align with business goals and objectives
- Led quality engineering (manual/automation), improving overall delivery standards.

Greenlight Financial Technology - REMOTE, NC

Senior Engineering Manager | Nov 2023 - Sep 2024

- Replatformed the website from Gatsby to Next.js, reducing release friction & improving deployment speed.
- Drove a 10% QoQ increase in signups by modernizing backend architecture.
- Led the replatforming of Greenlight's hybrid mobile and web solutions, exploring React Native for seamless multi-platform experiences.
- Breaking down monoliths for card ordering and rewriting them as micro service, micro frontend.
- Introduced automated testing, cutting release cycle time by 90%.
- Developed a server-driven UI using GraphQL, enabling a flexible, rules-based experience across platforms.

Tuya Infotech - Remote, CA

Senior Software Engineering Manager | May 2023 - Oct 2023

Consultant for HyphenCare

- Led the development of scalable SaaS applications for community health program management.
- Automated testing & deployment, reducing release cycles by 60% and time-to-market by 40%.
- Migrated 3 out of 5 services to AWS, improving scalability and cost efficiency.

PayPal Inc. - San Jose, CA

Software Engineering Manager, Level 2 | Oct 2011 - May 2023

- Led global product launch for 1099-K to collect SSN for compliance with new IRS law for non-compliant users.
- Revenue of \$40 million in YoY by adding Israel, Russia, and Thailand operational licenses.
- Consolidated product workflows to reduce integration support by 50% and improve the user conversion rate by 10%.
- Managed technical projects for account balance provisioning (PayPal Balance) to access money during checkout and P2P transactions.
- Developed consistent CFPB disclosure and fee experience, allowing the company to avoid a \$25M user lawsuit.
- Provided architectural, people, and thought leadership, end-to-end technical solutions in the launch of a Shopping Platform for 450M customers.
- Pioneered mobile-first design strategies, significantly boosting user engagement and multi-platform experience and improving engagement from 20M to 70M users.
- Added 2,000 new validated offers from Honey to new coupon redemption checkout experience wherein the coupon use increased by 1.5%.
- Supported LTR and RTL (l10n) and ensured accessibility (a11y) by building testing into the software development cycle and delivery process. This reduced engineering time by 25%.
- Reduced hiring costs by 20% and increased hiring velocity by 40% for in-demand engineers by partnering with leadership to source personnel from Canada, India, and Mexico.
- Introduced the concept of “nano-sized” code, optimizing coding assets from 1.2 MB to 600 kb (~67 kb zip) with versioning to create sharable isomorphic UI components. This “nano-code” promotes reusability, consistency, and modularity across different workflows.
- 337K Net New Active accounts Annualized.
- Introduced additional 10 product offerings brought to the Unified Onboarding platform. (unifying onboarding flows from Charity, Checkout p2p transaction flows, Paypal.me).
- Increased Accessibility Score from 80% to 100%.
- Registered 15% Decrease in Consumer Perceived latency.
- Orchestrated 75 % Development time reduction.

Earlier Career History

CSC Chennai, India

Sr Software Engineer | Oct-2006 to Oct-2011

Front end engineer, responsible for building user interface screens, and integrating with backend Java API.

Education

- Master of Computer Science Applications (MCA), Anna University (June 2003 - June 2006)
- Bachelor of Computer Applications (BCA), University of Madras (June 2000 - June 2003)