

## Gurusubramaniam Sundararaman

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### Engineering and Architecture Leader | 18 years of experience

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Visionary leader known for delivering enterprise-scale transformation, driving cross-organizational architectural alignment, and leading diverse global teams through major modernization initiatives. Skilled at translating business strategy into actionable technology roadmaps, influencing C-suite stakeholders, and building high-performing engineering organizations through mentoring, clarity, and accountability. Strong people manager who drives team alignment through structured goal-setting, impactful 1:1s, and personalized growth plans.

### Skills

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#### Architecture & Leadership Highlights

- Led architecture strategy and platform modernization across high-scale environments, including PayPal and Greenlight, supporting 450 M+ users.
- Built and scaled globally distributed engineering teams, fostering a culture of ownership, accountability, and innovation.
- Directed enterprise-wide initiatives and cloud-first transformations, aligning technical delivery with business outcomes.
- Chaired cross-functional architecture councils and steering committees to drive strategic alignment and accelerate decision-making.
- Mentored engineering managers and principal engineers, developing future leaders through coaching, structured 1:1s, and succession planning.
- Established executive-level visibility into architecture efforts through structured reporting, governance frameworks, and risk tracking.
- Championed a feedback-driven, growth-oriented culture through retrospectives, skip-levels, and continuous performance coaching.

#### Technical Skills

Distributed Systems, Client-Server Architecture, Cloud Migration (AWS), Microservices, API Design, Event-Driven Architecture, Enterprise Architecture Strategy, Architecture Governance, Agile & Scrum Leadership, JavaScript, TypeScript, Node.js, React.js, GraphQL, Java, Docker, Kubernetes, MongoDB, Postgres, AWS (EC2, Lambda, S3, SQS, SNS, CloudFront, DynamoDB)

### Profession Experience

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#### Founder | Independent Architect

Oct 2024 – Current | Remote

#### Personal Finance App (Self-Initiated Project)

- Initiated and led the development of a budget planning platform designed to help families manage monthly expenses and achieve savings goals.
- Designed the architecture for a responsive web and mobile app leveraging AI as a budgeting assistant to guide users through goal setting, spend analysis, and financial planning.
- Prototyped core features including income categorization, savings recommendations, and progress visualizations using modern web technologies and cloud-native infrastructure.
- Applied lean startup principles to validate the concept through user interviews, wireframing, and iterative development.
- Gained hands-on experience in product design, architecture, and AI-assisted user experience innovation.

## Greenlight Financial Technology - Remote, NC

### Senior Engineering Manager | Architect | Nov 2023 - Sep 2024

- Defined and implemented architecture strategy for replatforming from Gatsby to Next.js.
- Led microservice and micro frontend migration for a hybrid web and mobile app.
- New build of micro services, breaking down the monolith for the card ordering and tracking system using Java backend, Next.js, and React front end.
- Architected server-driven UI using GraphQL for platform-agnostic rendering.
- Introduced test automation and DevOps practices that **reduced the release cycle by 90%**.
- Partnered with VP of Product and CTO to define platform modernization vision; influenced roadmap prioritization through technical leadership and stakeholder trust.
- Facilitated architecture alignment across 3 scrum teams by driving strategy reviews, quarterly planning, and inter-team coordination.
- Instituted weekly 1:1s and quarterly career check-ins with all direct reports, improving retention and engagement scores.
- Led OKR planning across three Scrum teams to align engineering efforts with company-level platform modernization initiatives.

## Tuya Infotech - Remote, CA

### Senior Software Engineering Manager, Architect | May 2023 - Oct 2023 | 6 Months Contract

- Developed architecture and delivery plan for community health SaaS platform.
- Migrated services to AWS, increasing scalability and reducing cost.
- Designed and developed a solution and managed team performance, delivery, and program for community health program management (SaaS).
- Delivered Cognito-based authentication and re-architected training portals for user education.
- Led and re-architected the training portal for the clients as an education platform to reduce product manager and support overhead.
- Automated testing & deployment, **reducing release cycles by 60%** and **time-to-market by 40%**.
- Managed programs end-to-end from preparing the estimation, delivery timelines, and a complete project proposal with milestone charts.

## PayPal Inc. - San Jose, CA

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

- Directed enterprise architecture initiatives across onboarding, compliance, and shopping platforms.
- Led global product launch for 1099-K to collect SSN for compliance with the new IRS law for non-compliant users.
- Revenue of **\$40 million in YoY** by adding Israel, Russia, and Thailand operational licenses.
- 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.
- 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 shareable isomorphic UI components.
- **337K Net New** Active accounts Annualized.
- Introduced an additional 10 product offerings brought to the Unified Onboarding platform.
- Increased Accessibility Score from 80% to **100%**.
- Registered a **15% Decrease** in consumer-perceived latency.

## Earlier Career History

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**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. Client: PayPal

## Education

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- Master of Computer Science Applications (MCA), Anna University (June 2003 - June 2006)