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Top Skills

Engineering Leadership
Platform Scale
Business Growth

Languages

English (Full Professional)
Hindi (Full Professional)
Tamil (Full Professional)
Telugu (Professional Working)

Certifications

jQuery: The Return Flight
JavaScript Road Trip Part 1
Hadoop Platform and Application
Framework
JavaScript Road Trip Part 3
Introduction to Big Data Analytics

Anand Swaminathan

Engineering Executive | Scaling High-Performance Teams & Billion-Scale Platforms
United States

Summary

I build and scale engineering organizations that ship. Over 25 years, I've led global teams at companies ranging from Oracle and Sun Microsystems to Mapbox, TaskRabbit, and Sabre — and I've consistently delivered the kind of results that move businesses forward: billions of API requests handled daily, $6M+ in cost savings, 110% of revenue targets hit, and platforms trusted by millions of users worldwide.At Mapbox, I ran the Maps Services organization — the engineering backbone powering navigation for people, packages, and vehicles at global scale. My teams operate $35–40M in annual revenue services on AWS, maintaining high availability across billions of daily requests. I've also been a key force in hiring 200+ professionals across Mapbox, shaping the culture as much as the code.What drives me: building teams that are technically excellent, deeply collaborative, and relentlessly focused on outcomes. I thrive at the intersection of strategy and execution — whether that's modernizing a legacy stack, launching a new platform, or partnering with executives to set the product roadmap.Industries: SaaS, On-Demand Services, Maps/Geo, Travel, Marketplace, Automotive, E-Commerce, FintechCORE COMPETENCIES• Engineering Leadership: Org design, scaling teams, hiring, mentoring, performance management• Platform Scale: High-availability systems, billions of API requests/day, AWS, GCP, Kubernetes• Technology Transformation: AI, Monolith-to-microservices, CI/CD, DevOps, test automation• Business Impact: P&L ownership, cost optimization ($6M+ savings), revenue growth, OKR alignment• Stack: Node.js, React, Python, Java, ElasticSearch, Docker, AWS, GCP

Experience

Mapbox
Director of Maps Services
September 2021 - Present (4 years 6 months)

Directing a multi-team engineering organization at the heart of Mapbox's business — processing and delivering the map data that powers navigation for people, packages, and vehicles worldwide. Operating at massive scale on AWS with billions of API requests per day, $35–40M in annual revenue, and customers served through both SaaS and on-premise offerings."

• Delivered $6M+ in cumulative infrastructure cost savings through architectural improvements and operational excellence initiatives
• Championing transformation, data-driven and AI-enabled approaches to accelerate innovation and efficiency
• Drove cross-organizational strategic initiatives to grow revenue, improve reliability, and expand customer innovation capabilities
• Served as a key hiring leader across Mapbox — instrumental in recruiting and onboarding 200+ professionals across engineering and adjacent orgs
• Mentored and developed engineering managers and senior ICs, building a bench of leaders ready to scale
• Partnered closely with product managers and GTM to define and prioritize the product roadmap, aligning engineering investments with customer needs and long-term business goals; engaged directly with key customers to gather feedback and shape the product direction

TaskRabbit
Sr. Engineering Manager
June 2020 - September 2021 (1 year 4 months)
Built and led global engineering teams at the on-demand services marketplace connecting millions of customers with skilled Taskers.

• Established a high-impact engineering partnership with IKEA, delivering 110% of the revenue goal for IKEA-integrated products and services
• Delivered strategic platform initiatives that expanded Taskrabbit's partner ecosystem and unlocked new revenue streams
• Built and scaled a high-performing global engineering team from the ground up

EmployeeChannel, Inc.
Director Of Software Development
September 2018 - December 2019 (1 year 4 months)
Joined an early-stage startup and scaled the engineering org to 25 engineers across Web, iOS, Android, Backend, and DevOps — while leading a full technology transformation.

• Modernized the core web application to React/Node.js and evolved a monolith into microservices with ElasticSearch-powered search and retrieval
• Deployed to GCP Kubernetes with full CI/CD pipelines, dramatically accelerating release velocity
• Partnered directly with CEO, CPO, and CTO on strategic roadmap and prioritization
• Built and instilled a strong Agile engineering culture, raising team performance and code quality standards

Elevate
Director of Software Development
May 2017 - May 2018 (1 year 1 month)

Led engineering for two fintech product lines originating over $5B in credit to 2M+ customers.

* Achieved 99.9% platform uptime for credit origination systems serving millions of customers
* Attained 95% unit test coverage and 60% end-to-end automation, dramatically reducing defect rates
* Deployed Node.js/React applications to GCP with feature flagging and rapid release cycles
* Reduced customer escalations by 25% by enabling IBM TeaLeaf for behavioral analytics
* Grew and mentored 18 engineers into a high-performing Agile organization

Dealertrack
Director of Software Engineering
December 2013 - November 2015 (2 years)

Led 9 Scrum teams building and deploying a responsive web platform for automotive retail on AWS — used by 15,000+ dealerships. Collaborated with OEM teams from Honda, Toyota, and Ford, serving B2C consumers across desktop, mobile, and tablet.

• Scaled the engineering org to 9 autonomous Scrum teams delivering rapid, continuous releases
• Adopted Python, Java, HTML5, Docker, and AWS as the core stack; established DevOps automation and CI/CD as team-wide practices
• Integrated with OEM inventory and incentives data to deliver real-time dealer intelligence

Sabre Holdings
Director of Software Engineering
November 2006 - December 2012 (6 years 2 months)

Led global engineering teams (US, Poland, India, China) building mission-critical travel platforms for the Cruise and Airline industries using Java/J2EE, Oracle, Spring, and Hibernate in a SaaS environment.

• Scaled the Cruise booking platform from 100K to 3M+ transactions per day — a 30x capacity increase
• Grew the Cruise team from 6 to 22 members, establishing it as a flagship Sabre product featured in 7 press releases
• Drove QA automation from 0% to 85% coverage over 18 months, cutting SaaS deployment time to 1 hour and improving release quality by 50%
• Managed $30M P&L (jointly with Product), exceeding EBITDA targets by 5%
• Increased global market share from 34% to 46%
• Established integration partnerships with Expedia and NLG, expanding distribution reach
• Teams won 'High Performing Team' accolades in 2007, 2008, and 2009

Sun Microsystems
Senior Engineering Manager
January 1999 - May 2004 (5 years 5 months)
Santa Clara, CA

Built and led engineering teams delivering SunOne WebServer, SunOne Application Server, and iPlanet E-Commerce Platform — enterprise software serving Fortune 100 companies globally.

• Grew web server revenue from $18M to $45M, reaching a 46% market share in the Fortune 100 space — ranked #1 in TPC-W benchmarks at peak
• Established and scaled a development and triage team in Bangalore, India, enabling a sustained backlog under 50 defects and accelerating feature innovation
• Led team of 85 engineers across Platform, UI, and Functional modules for the B2B E-Commerce platform, reaching $9M revenue with 10 global enterprise customers
• Contributed stability and performance improvements to the Tomcat 5 open-source community
• Ranked in the top 25% of managers for management excellence two consecutive years; team awarded 'High Performing' in 2002

Oracle
Sr. Software Engineer
January 1994 - January 1999 (5 years 1 month)
Redwood Shores, CA

Technical lead building database management tools for Oracle Workgroup
Server

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Education

Louisiana State University
MS, Computer Science