

# Justin Tufte

Engineering Manager | San Diego, CA | 641-390-1241 | justin.tufte@gmail.com

## About

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Accomplished Engineering Manager with over 15 years of software engineering experience, including more than 5 years in leadership roles. Experienced in leading cross-functional teams to build scalable solutions using TypeScript, React, Python, and AWS, driving improvements in performance, usability, and reliability. Proven success in aligning engineering efforts with business objectives, optimizing workflows, and addressing customer feedback to enhance product quality. Passionate about fostering a culture of continuous learning and delivering high-quality software solutions.

## Work Experience

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### Sure, Inc.

Engineering Manager

Mar '22 - Feb '25

- Built and scaled a cross-functional engineering team to 11 frontend and backend engineers, leading hiring, onboarding, and team operations. Successfully launched a new homeowners insurance product, expanding the company's offerings in the insurance vertical.
- Championed the adoption of micro-frontend architecture and micro-service API design, strategically balancing feature development and legacy tech debt. These improvements greatly reduced onboarding time for new partners from 3 months to 3 weeks and regional expansions from 3 months to 2 months.
- Held weekly meetings with clients and partners to negotiate feature scope and timelines, enabling an MVP launch 4 months ahead of schedule. Expanded the product across 9 states while meeting all contractual deadlines.
- Worked closely with product and project managers to streamline our processes making requirements more consumable for engineers and allowing leadership more insight into the state of our projects.

### Amobee

Engineering Manager

Jun '19 - Mar '22

- Led and mentored a team of six frontend engineers, driving technical excellence through hiring, onboarding, career development, and coaching. Established best practices for frontend architecture, fostering collaboration between engineering and design teams.
- Managed the development of a scalable component library in TypeScript and React, reducing UI maintenance overhead for multiple teams.
- Roadmapped and secured CTO approval for a strategic initiative aimed at addressing customer concerns around SaaS platform usability, aligning cross-team priorities.
- Partnered with the Head of Design and product team members to ensure component functionality, usability, and consistency across the platform.
- Integrated the React-table library to unlock data-heavy search functionality, significantly boosting user experience and performance.
- Established Storybook as a living documentation system, streamlining testing and accelerating frontend development cycles.

### Amobee

Sr Software Engineer

Aug '15 - Jun '19

- Spearheaded the company-wide transition to AngularJS, improving developer experience and resulting in faster feature iteration.
- Architected the foundational structure for four novel AngularJS applications, subsequently assuming the lead role in frontend development for the Facebook platform application.

- Designed and implemented micro-frontend architecture, allowing 3 teams to create 4 applications in parallel, eliminating deployment bottlenecks.
- Engineered resilient data pipelines using Apache Flume and Spark, strengthening reliability and uptime for large data jobs.

## Amobee

Software Engineer

Aug '12 - Aug '15

- Became the go-to expert on MTA software, optimizing configurations to stabilize email campaigns and lower bounce rates.
- Developed and maintained a new mailing platform on the LAMP stack, utilizing bash scripts to automate processes.
- Designed and implemented a data export system in ASP.NET, enhancing data accessibility by integrating with multiple databases through stored procedures.

## NexJen Systems

Junior .NET Developer

Nov '11 - Aug '12

- Responsible for the launch three e-commerce websites within a few months, accelerating product launches and strengthening the company's online presence.
- Migrated legacy character-based UIs to WPF, enhancing user experience and accessibility.
- Created WCF services to enable communication between client software and core product, optimizing system integration and scalability.

## SelfHelpWorks.com

Jr. Software Developer/ System Administrator

Dec '09 - Dec '11

- Helped in the redesign of a legacy email engine into a more efficient console application and database-backed service, significantly improving performance and scalability.
- Collaborated with a small team to modernize a classic ASP system and develop new features using C# .NET, driving system improvements and process automation.
- Took on System Administrator responsibilities, managing a virtualized environment of both Windows and Linux servers, and ensuring smooth IT operations.

## Education

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Minnesota State University, Mankato

Dec '10

Bachelor of Science | Information Technology - Software Development

Minor in Economics

## Skills

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**Frontend:** TypeScript · ReactJS · React Query · React Native · Angular · AngularJS · Cypress · Storybook · Component libraries

**Backend:** Python · Django · C# .NET · Java · PHP

**Database:** SQL Server · PostgreSQL · MySQL · MongoDB · MongoDB Atlas · Firebase

**Tools:** AWS · Git · Datadog · Sentry · Docker · Databricks · CircleCI · Jenkins · Notion · Jira