

Param Sudhir Mehta

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Summary

Software Engineer with 8+ years at the intersection of engineering, design, and AI — building polished web experiences, rich prototypes, and the tooling that lets designers and product partners see what's possible. At Intuit, I work hands-on with Claude and MCP to prototype AI-native patterns, authored the practices my org uses for AI-assisted work, and maintain the Storybook environment where Design and PM partners interact with live components before anything ships. Strong frontend craft (React, TypeScript, Next.js, Storybook, Angular, D3), deep LLM/MCP fluency, and genuine curiosity about how humans build trust in AI systems.

Professional Experience

Intuit Inc, Mountain View, CA, US.

Technologies: React, Redux, JavaScript, TypeScript, NodeJS, GraphQL AWS, Splunk.

Senior Software Engineer – Frontend, Team – Identity Authentication Experiences

December 2022 – Current

- Led Passkeys across Intuit — architected and shipped 8 cross-product frontend launches with a team of 5 engineers (streamlined registration, post-enrollment education, the centralized post-auth surface); drove passkey adoption from 10% to 26% of active Intuit customers, strengthening Intuit's phishing-resistant auth posture.
- Defined and led the technical strategy for Intuit's Amazon identity integrations — an end-to-end initiative spanning Identity, Amazon Business Prime, Seller Central, and platform teams — architecting the first-ever cross-identity SSO pattern for Intuit to link 3p accounts for partnerships; the Ellis API eligibility design is now the canonical framework for future partnership onboarding.
- Currently leading the agentic AI track for Intuit identity to integrate MCP-based agent authentication — built hands-on LLM-powered prototypes demonstrating agentic workflows against production identity APIs, defined protocol-level guidance, and unblocked 3 teams building agentic experiences for non-human principals.
- Force-multiplied the team by leading the AI-assisted engineering track for the Identity frontend org; ran multiple workshops & demos for internal teams, introducing Claude, Claude Skills, agents, and agent-context-building best practices and workflow guides, yielding an estimated 3x velocity improvement.
- Drove 100K+ gross new subscribers (GNS) from Amazon Business Prime and positive incremental QBO activation lift from Amazon Seller Central by owning the full integration lifecycle from discovery through production across 4+ org boundaries, with zero escalations.
- Led a team of 8 engineers across backend, frontend, and product teams to develop Identity 2.0 solutions using GraphQL-based architecture for Account Manager — delivered scalability improvements and 85% GTM velocity gain; collaborated with TPMs and Eng leads across products to set SOPs for migration.
- Led the performance improvement track by launching multiple experiments: drove a 56% P95 latency reduction (8s → 3.5s account selector, 11s → 7.2s account manager) by proposing targeted architectural changes including bundle splitting, lazy loading, and render optimization.
- Established technical authority across 10+ identity repositories and maintained the Storybook-based component environment that lets Design and PM partners prototype, validate, and sign off on identity experiences end-to-end — driving decisions at the intersection of product, UX, and engineering for Intuit's 100M+ customer platform.

Rivian Automotive. Palo Alto, CA, US

Technologies: React, Redux, JavaScript, TypeScript, NodeJS, GraphQL, AWS, SQS, Datadog.

Senior Software Engineer – Full Stack, Team – Fleet Core

March 2022 – November 2022

- Joined as a founding engineer on the Fleet Core team during Rivian's rapid scaling phase — shipped a production notifications system end-to-end within the first 6 months — led a team of 4 engineers to design and ship a cross-platform notifications system (push, email, in-app inbox, Slack) for Rivian's fleet management software, enabling real-time alerts on vehicle location, tire pressure, and sensor incidents.
- Architected the event-driven notification pipeline using WebSockets, AWS SQS, and EventBridge; built the React frontend consuming a GraphQL API, enabling platform-agnostic delivery across web and mobile.

Walmart Global Tech. Sunnyvale, CA, US

Technologies: React, Redux, JavaScript, Next.js, TypeScript, NodeJS, GraphQL, Java, Kubernetes.

Senior Software Engineer, Team – Marketplace & User Generated Content (UGC)

February 2020 – March 2022

- Re-platformed the 3P seller experience using GraphQL, React, TypeScript, and Next.js — serving 3.1M+ customers; built seller ratings and reviews page ranked #1 feature in Q2 2021.
- Architected end-to-end seller workflows (homepage, search, item page, cart, checkout) across multiple product and platform teams; led holiday capacity planning and observability setup for peak traffic.
- Redesigned the star-rating component for ADA compliance, reducing bundle size by 10% and improving rendering performance for product and purchase review flows.
- Independently built seller internal email routing system — eliminated dependency on external email clients, unified the seller/buyer communication experience, and added email masking for privacy and security.
- Standardized linting and formatting toolchain (ESLint, Prettier, StyleLint) across the team, reducing style-related review friction and enforcing consistent code quality.

Software Engineer, Team - Wireless Verticals & Baby Registry

July 2018 – February 2020

- Optimized PDP buy-box to improve page speed by 15%, generating a 30bps conversion rate lift.
- Launched Walmart Baby Registry — 100K new registrants within 30 days: first team at Walmart to adopt TypeScript, receiving the internal Tech Evangelist Award.

Education

Master of Science in Software Engineering <i>Arizona State University, Tempe, Arizona</i>	May 2018
Bachelor of Engineering in Computer Engineering <i>K.J. Somaiya College of Engineering, Mumbai, India</i>	May 2016

Skills

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- **Languages:** JavaScript, TypeScript, Java, SQL, GraphQL, HTML, CSS
 - **Frameworks & Libraries:** React, Next.js, Redux, Storybook, Angular, D3.js, Node.js, Spring Boot
 - **Infrastructure & Tooling:** AWS (SQS, EventBridge, Lambda, Cognito), GraphQL APIs, WebSockets, Splunk, Datadog, Webpack
 - **Domains:** AI & LLM Prototyping, UX Engineering, Design Systems & Storybook, Consumer Web Products, Identity & Authentication