

Steven Mettler

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LEAD SOFTWARE ENGINEER · FULL-STACK & PLATFORM

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EXPERIENCE

Capital One — Lead Software Engineer

Jan 2026 – Present

- Led the Discover Migration end-to-end, driving technical direction across a team of 5 with minimal day-to-day oversight, converting Small Business Mastercard debit cards to Discover debit cards and saving \$1M+ annually in interchange fees
- Promoted to Lead Software Engineer for independently setting technical direction and mentoring engineers across customer servicing initiatives, without requiring senior sign-off on day-to-day decisions
- Identified a gap in the team's PR review process and built a custom Claude Code skill to automate agentic code review — self-initiated, adopted team-wide, and now surfaces correctness and simplification issues before every merge

Capital One — Senior Software Engineer

Jan 2024 – Jan 2026

- Owned technical direction for a multi-engineer team, independently scoping design and implementation for customer servicing features from requirements through delivery
- Drove full-stack development (Python, Angular, TypeScript) as the primary technical decision-maker on customer servicing capabilities
- Architected the technical approach for Customer Onboarding solo, integrating an Angular front-end with a Python back-end for a mass-market rollout with no dedicated architect support

Capital One — Software Engineer

Sep 2021 – Jan 2024

- Independently developed debit card servicing features for Small Business (Angular, TypeScript), saving \$400K annually
- Partnered async and cross-functionally across product, design, and engineering to deliver high-impact features with minimal need for real-time coordination
- Designed and deployed a Python/AWS Lambda API for loan payment servicing end-to-end, handling \$50M+ in transactions — sole engineer from design through production

NRG Energy — Software Engineer

Mar 2021 – Sep 2021

- Built JavaScript and jQuery tools for Sales & Marketing independently, optimizing customer enrollment across channels, including a rapid-turnaround enrollment form for Stream Energy following an acquisition

Capital One — Associate Software Engineer

Sep 2018 – Jan 2020

- Shipped JavaScript and Java website features affecting millions of users, working directly with distributed stakeholders

PROJECTS

Rampart Swift, SwiftUI, Supabase, Stripe

Jun 2026 – Present

- Solo-founded and built an iOS accountability app from concept to production, owning every layer — product, engineering, backend architecture, and go-to-market
- Independently navigated Apple's Family Controls entitlement approval process with no external guidance, and architected the two-sided member/partner authorization backend on Supabase unassisted
- Built a Stripe-based purchase flow to bypass App Store fees — a fully self-directed monetization decision made and executed without external product input

TECHNICAL SKILLS

Languages Python, TypeScript, JavaScript, Java

Technologies AWS, Angular, Jenkins, Git, Jira, Confluence, Zoom, Slack

AI Tooling Claude Code, LLM evaluation, spec-driven development

EDUCATION

Pennsylvania State University — B.S. Computer Science

Aug 2014 – Dec 2018