Andy Dymond, Full Stack Software Engineer

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LINKS

GitHub, LinkedIn

PROFESSIONAL SUMMARY

Staff Software Engineer — full-stack product engineering at scale with Rails, TypeScript/React, event-driven architecture, and agentic AI tooling

Staff engineer with 9+ years of experience across fintech and SaaS, currently shipping end-user-facing full-stack product work on a 60,000-tenant Rails platform. Experience spans individual contributor, management, and directorate-level technical leadership, with a track record of making a large DDD Rails monolith more coherent through org-wide conventions, domain modularization, and event-driven architecture with AI-augmented workflows. Former fine-dining chef who brings calm under pressure and a high standard of craft to product engineering.

EXPERIENCE

Nov 2020 — Nov 2026

Staff Engineer II, Directorate Staff, Housecall Pro — San Diego, CA (Remote)

- Progressed from Software Engineer II to Staff Engineer II by taking on broader technical leadership across the fintech directorate and mentoring engineers on architecture and execution.
- Staff engineer supporting the fintech directorate (~10 squads) of a 60,000-tenant field-services SaaS platform; primary architecture partner to the risk squad and architecture reviewer across payment, risk, and invoices domains.
- Wrote a domain-convention RFC adopted across the full fintech directorate within a month, aligning the Rails monolith with Rails conventions and providing grounding context for AI coding agents.
- Contributed to the company's AI agent marketplace, enabling domain-context loading for AI agents and improving code-review quality, convention adherence, and merge-request manageability across engineering.
- Contributed to event-driven services built on Karafka and regularly used the transactional outbox pattern after it was implemented to support domain workflows across the platform.
- Led the Stripe card-token migration (~30k tokens) for a national franchise onboarding with zero customer disruption.
- Architected and built an in-house Redis-backed email rate-limiting system after the incumbent risk vendor failed on volume and latency, protecting the platform from abuse-proxy attacks at scale.
- Spearheaded a rearchitecture of the risk domain: abstracted the domain so multiple vendors, in-house ML models, and on-prem solutions serve different risk-event types, removed ~200ms of vendor latency from affected processes, and modularized the domain for extraction from the monolith.
- Designed and built automated sensitive-data detection and blocking across MySQL, PostgreSQL/Aurora, Redis, and S3; led remediation of ~52M records with a repeatable scrubbing playbook, enabling successful audits.
- As Engineering Manager (2023–2025), led a 4–5 engineer squad, ran weekly mentorship and architecture reviews, and developed engineers into senior and staff promotions.

Jul 2017 — Nov 2020

Software Developer, Fifth Third Bank — Denver, CO

- Rehabilitated and extended the backend for Dobot, a consumer-facing savings application, reviving a formerly sunset Rails codebase and keeping core banking functionality supportable and maintainable.
- Built and maintained Jenkins-based CI/CD pipelines to improve release reliability and deployment consistency.
- Developed Python microservices for auth token verification, supporting secure backend access and application flows.

SKILLS

CI/CD
Rails
React
PostgreSQL (Aurora)
Ruby
TypeScript
Java
MySQL

Redis
Kafka
Event-driven architecture
domain-driven design
multi-vendor abstraction
RFC-driven design
Claude Code (CLI)
AI-assisted code review
LLM-assisted development
Cursor
Sentry
Stripe
webhook systems
Amazon SQS
Karafka
transactional outbox
service extraction/modularization
architecture review
mentoring
agentic coding workflows
AI-assisted software development
Claude
Observability
Datadog
QuickBooks Online/Desktop APIs
PCI-DSS (working knowledge)

EDUCATION

2018 — Software Engineering Certificate, Turing School of Software & Design

2012 — B.A., Media Studies, Vassar College

PRIOR EXPERIENCE

2013 — 2017 — Culinary — fine-dining kitchens — New York City & Denver

Cooked in Michelin-caliber restaurants and owned stations in high-volume, standards-driven service environments.