

Aaron Eshleman

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Objective

Results-driven Software Engineer with 6+ years building and operating customer-facing products and platform systems. Recent focus on AI-enabled workflows, observability, and production reliability, with end-to-end ownership from architecture through delivery. Adept at bridging the gap between business needs and technical execution to deliver high-performance, user-centric software solutions.

Technical Skills

Languages: TypeScript, JavaScript, Python, SQL, Go, Java, HTML/CSS

Platforms: React/Next.js, Hono, Mastra, Stripe, Redis, PostgreSQL, Drizzle ORM, Docker, Git, Vercel

Professional Experience

SignalFlare.ai, Senior Software Developer (July 2025)

- Architected end-to-end Stripe billing integration including subscription management, usage-based metering, seat-limit enforcement, and webhook handlers; consolidating payment logic into a reusable @repo/billing package with JSON-driven product configuration and automated import/export scripts.
- Implemented real-time subscription entitlement enforcement using Redis caching with sub-millisecond lookups, replacing slow materialized view queries; built comprehensive integration tests covering seat limits, token quotas, and memory usage tracking with automatic midnight timezone resets.
- Lead real-time LLM observability and management system with distributed tracing, span visualization, and automated evaluation scorers, enabling performance monitoring across concurrent AI agent workflows.
- Integrated Mastra's agent orchestration platform with custom tooling, memory systems, and evaluation scorers, delivering comprehensive AI agent lifecycle management from development through production monitoring.
- Designed and implemented the artifact sharing UX system across the application by creating consistent, reusable sharing components and patterns (share actions, recipients UI, shared-state indicators, and list/detail affordances) so sharing behaves and looks uniform everywhere it appears, while improving reliability and scalability with RLS-backed access and JOIN-based queries to keep shared views fast as usage grows.

SalesPage Technologies, Software Developer (Fall 2019 – Spring 2025)

- Technical lead for multiple client teams, facilitating clear communication between clients and team members to ensure project alignment and client satisfaction. Directed the development of front-end and back-end tools to enhance client impact, resulting in improved client engagement and faster issue resolution.
- Reduced AWS costs by 30% through optimized data management practices, eliminating latent data and implementing automated cleanup scripts to maintain resource efficiency.
- Implemented test-driven development practices while designing a suite of generic cloud platform UI classes using Vue.js and GraphQL, writing comprehensive unit tests before component development to ensure reliable functionality for tables, notifications, date handling, and currency formatting components that improved development efficiency by 50%.
- Led a successful migration to Python scripts for client configuration and setup, reducing setup time by 40% and minimizing manual intervention. Enhanced consistency and streamlined version management, significantly reducing operational overhead.
- Eliminated code customization requirements by developing live configuration tables that dynamically generate objects and tables for detail pages and reports, empowering end users to make changes without additional development effort.
- Primary engineer for the company's iOS application, responsible for full-cycle development, maintenance, and updates, delivering a reliable and user-friendly mobile experience to clients.
- Subject matter expert for Salesforce Marketing Cloud features within our managed web application, integrating REST and SOAP APIs to enable seamless data synchronization and marketing automation.

Education

Michigan State University, East Lansing, MI

Bachelor of Science in Computer Science, May 2019

Capstone: Built award-winning iOS app using ARKit for beacon-less indoor navigation via image recognition

References

Rabindra Ratan - raran@gmail.com, M#: [517-355-3490](tel:517-355-3490)

Chris Poisson - cpoisson@salespage.com, CTO, SalesPage Technologies

Warren Fitzpatrick - Wfitzpatricksp@gmail.com, M#: [269-251-5732](tel:269-251-5732), Software Development Manager

Nathan Lockhart - nathan@signalflare.ai, VP of Engineering, SignalFlare.ai