

AARON LOZIER

VP of Engineering · Director of Engineering · Former Founder & CTO

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EXECUTIVE SUMMARY

Engineering leader with 20+ years of experience spanning individual contributor, founder, architect, and VP-level roles. Built PlatformGold® from the ground up as sole engineer — a fintech trading platform now processing nine-figure monthly transaction volume that has grown to surpass the company's entire human sales force as its primary revenue channel. Recruited, hired, and scaled a 12-person engineering and data organization from scratch. Equally at home in system architecture and team leadership — with a track record of building cultures, growing engineers, and delivering platforms that transform business outcomes.

CORE COMPETENCIES

Platform Engineering (0→1) · Engineering Team Building & Hiring · Technical Architecture & System Design
Fintech & Payments Platforms · Engineering Culture & Mentorship · Cloud-Native & Serverless (AWS)
API Strategy & Public Platform Design · AI/LLM & Agentic Workflows · Agile Delivery & Org Transformation

PROFESSIONAL EXPERIENCE

VP of Software Engineering — Upstate Coin & Gold *Centennial, CO*

January 2026 – Present

- ▶ Elevated to VP following sustained platform growth and organizational expansion; continue to oversee all engineering, data, and product functions for the company's technology division.

Director of Software Engineering — Upstate Coin & Gold *Centennial, CO*

November 2023 – January 2026

- ▶ Recruited, hired, and structured a 12-person engineering and data organization from a team of 2 — including software engineers, data engineers, QA specialists, and supporting roles.
- ▶ Defined engineering culture, hiring bar, and technical standards for the department; established mentorship and career ladders to retain and grow talent.
- ▶ Expanded PlatformGold® into a full product suite — adding a data warehouse + BI platform, ML models for algorithmic trading signal generation, and custom refinery management software.
- ▶ Drove the platform's API partner ecosystem from zero to an eight-figure monthly run rate — growing to represent a significant and expanding share of total company revenue.

Full-Stack Engineer / Platform Founder — Upstate Coin & Gold *Centennial, CO*

November 2020 – November 2023

- ▶ Conceived, architected, and built PlatformGold® entirely as the sole engineer — a B2B fintech trading platform for the precious metals industry, delivered from zero to production in under a year.
- ▶ Platform generated meaningful revenue within weeks of launch (August 2021), surpassing early projections and validating product-market fit within the first quarter.
- ▶ Scaled to nine-figure monthly transaction volume by 2026 — with the platform and its public API collectively outpacing the output of the company's entire human trading team, a first in the industry.

- ▶ Designed the platform to be auto-scaling and highly resilient; architected the public API strategy that enabled industry partners and technology providers to integrate directly, creating a new revenue stream from scratch.
- ▶ Successfully transitioned from sole engineer to engineering leader — fully abstracting out of day-to-day development while retaining technical direction and architectural oversight.

Solutions Architect — **CGI Federal** *Fairfax, VA*

February 2020 – October 2020

- ▶ Served as Solutions Architect on the cloud modernization initiative for CGI Federal's Momentum ERP platform — a mission-critical system used by large federal agencies.
- ▶ Architected Java microservices built on a data warehouse leveraging Apache Airflow ETL to extract and transform legacy application data; defined schemas and migrations using Liquibase.
- ▶ Led frontend development in Angular, leveraging a shared component library originally initiated during a prior CGI tenure — enabling cross-team reuse and accelerating delivery.

Solutions Architect — **Waitr, Inc.** *Lafayette, LA*

November 2018 – February 2020

- ▶ Architected and engineered multiple high-stakes financial platform initiatives, including tiered merchant service fee structures, credit card fee systems, and a full disbursement platform migration from Braintree Marketplace to Hyperwallet.
- ▶ Partnered with scrum teams and cross-functional stakeholders across sales, marketing, and BI to evaluate technical risk and define requirements for major revenue-impacting projects.
- ▶ Integrated data pipeline and warehousing vendors (mParticle, Amplitude) to support real-time analytics and marketing attribution at scale.
- ▶ Contributed an open source fix to the official Hyperwallet Node.js SDK, improving reliability for the broader developer community.

Solutions Architect / Senior Software Engineer — **CGI Federal** *Lafayette, LA*

January 2018 – November 2018

- ▶ Promoted from Senior Engineer to Solutions Architect within 5 months based on technical leadership and initiative.
- ▶ Led the architectural refactor of the Unify 360 hybrid-cloud analytics platform — used by large federal clients including USAID — migrating to modern Angular frontend and backend microservices.
- ▶ Founded CGI's Design Pattern Library (DPL), a shared Angular component library adopted across multiple CGI product teams company-wide; became a strategic asset for the organization's frontend development practice.

Chief Technology Officer — **Potenza Innovations, LLC** *Lafayette, LA*

August 2015 – January 2018 · (formed via merger/acquisition of Information ArchiTECH)

- ▶ Assumed CTO role following the strategic acquisition of Information ArchiTECH by Potenza Marketing; led all technology direction for the combined entity.
- ▶ Architected and delivered Return Flight, a marketing automation and attribution platform serving hundreds of campaigns for Sinclair Broadcast Group (SBGI) and its DriveAuto automotive dealership program.
- ▶ Built key product features including AutoPilot (ad publishing automation), DriveMail (email marketing with live inventory and CRM integration), and AutoMining (data mining for opportunity identification from customer history).

Founder & CEO — **Information ArchiTECH, LLC** *Lafayette, LA*

November 2011 – August 2015

- ▶ Bootstrapped a custom software company from the ground up, growing it to a team of in-house developers, project managers, and overseas contractors serving national brands across multiple verticals.
- ▶ Delivered custom e-commerce, accounting, and project management platforms for dozens of clients; established repeatable Agile delivery processes that scaled the business without external funding.
- ▶ Successfully exited via strategic acquisition by Potenza Marketing in 2015, transitioning into the CTO role.

EDUCATION & CREDENTIALS

- ▶ **B.A. History (Cum Laude) — Southwestern University 2003**
- ▶ **AWS Certified Solutions Architect (Associate) 2018 - 2021**
- ▶ **TEDx Speaker — "[The Gift of Legacy Code](#)" TEDx Vermillionville, 2017**

TECHNICAL PROFICIENCIES

Languages & Runtimes: TypeScript, Node.js / JavaScript, Python, Java, PHP

Frontend: React, Vue.js, Angular / AngularJS, modern component-based UI architecture

Cloud & Infrastructure: AWS (Lambda, S3, EC2, RDS, DynamoDB, Redshift, Athena, SQS, QuickSight, Elastic Beanstalk, CloudFront, Route53, Elasticsearch), Terraform, CloudFormation, AWS SAM, Docker

Data & AI/ML: PostgreSQL, DynamoDB, Redshift, Redis, Kafka/SQS, Apache Airflow, data warehousing & BI platforms; LLM integration (OpenAI, Anthropic); agentic workflow design and implementation; ML model oversight for algorithmic trading applications

API & Integration: REST, OpenAPI specification, public API platform design, NetSuite ERP REST API, Braintree, Hyperwallet, mParticle, Amplitude, UPS/FedEx, Facebook Ads, Google Analytics & AdWords

Security: Security-by-design architecture; custom intrusion detection systems; routine penetration testing; PlatformGold® has maintained a clean security record across years of nine-figure monthly transaction volume in the fintech space

Engineering Leadership: CI/CD (GitHub Actions), Agile / Scrum, technical roadmap ownership, hiring & performance management, vendor & budget management, cross-functional executive collaboration