Eric Hancock

Engineering Leader | Financial Systems & Payments

Brooklyn, NY

Summary

Engineering leader in financial systems and payments, with responsibility for technical direction, delivery across regions, recruiting, and vendor relationships.

Leads payment platform modernization and AWS migrations, with experience in firmwide cash transfer controls, fraud detection, sanctions screening, and operational resilience.

Division risk officer for payments engineering, working with internal audit and technology risk teams. Combines engineering leadership with a technical background in Java distributed systems.

Experience

Goldman Sachs

Vice President, Engineering

New York, NY | 2010 to Present

- Set technical direction and delivery plans across regions, translate business goals into engineering work, and mentor engineers through design and code review.
- Serve as payments engineering division risk officer, working with audit and technology risk teams and driving a 60 percent reduction in in-scope CVEs.
- Conduct roughly fifty interviews annually, develop technical questions, train interviewers, and mentor engineers.
- Manage sanctions, fraud, and AWS vendor relationships, including implementation, customization, support escalations, and product evaluation.
- Designed firmwide cash transfer control frameworks and an application evaluating about fifty controls per transaction against business requirements and firmwide standards.
- Led incremental modernization of monolithic payment systems to AWS, setting architecture direction and reviewing implementation.
- Migrated critical state from on-prem DB2 toward Oracle RDS and Aurora RDS, reducing planned database downtime from recurring weekly windows toward near-zero.
- Built regional failover processes and procedures to meet Federal Reserve sound-practices requirements and mitigate risks from events such as Superstorm Sandy.

Morgan Stanley

Trade Capture

New York, NY | 2006 to 2010

- Designed an XML event protocol to model OTC trade lifecycle events while separating common trade facts from product-specific details.
- Integrated interest rates and FX vertical trading systems into a shared confirmation and settlement processing platform.
- Tripled throughput through profiling and performance improvements.

Home Box Office

Software Engineering Lead And Developer

New York, NY | 1996 to 2006

- Led requirements, architecture, design, and implementation for film screening, asset management, publishing, workflow, and cash accounting systems.
- Took over and delivered a rewrite of HBO's satellite scrambling and affiliate authorization system after earlier attempts had failed.
- Served on recruiting, design review, GUI review, and career development initiatives, combining engineering delivery with standards, mentoring, and organizational communication.

R-Cam Consulting

Software And Documentation

New York, NY | 1994 to 1995

- Implemented client-requested software updates and bug fixes.

Core Skills

Engineering Leadership: technical direction, delivery across regions, recruiting and mentoring, vendor relationships, technology risk and audit

Languages: Java, Python, TypeScript, C#

Cloud And Platforms: AWS, ECS, EC2, Lambda, Step Functions, EventBridge, SQS, S3, CloudWatch, CDK

Data And Messaging: Kafka, MSK, Tibco EMS, DB2, Oracle RDS, Aurora RDS, in-memory caches

Engineering Practices: distributed transactions, idempotency, observability, resilience, zero downtime deployment, risk controls, vendor integration

Education

Skidmore College

Bachelor of Arts, English Literature | Saratoga Springs, NY