

Vincent Fiore

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Experience

Senior Software Engineer, February 2023 – Present

Capital One, New York, NY / Remote

- Led the Go rearchitecture of legacy release pipeline flows, consolidating redundant API calls and cutting end-to-end response times by more than 50% across a system handling 700,000+ releases annually.
- Architected an organization-wide error code API in Java, delivering real-time updates for more than 5,000 errors across 30+ sources of truth and 15+ teams.
- Established reusable AI-assisted engineering standards through Claude Skills published to Capital One's internal marketplace and adopted by dozens of engineers.
- Built Model Context Protocol (MCP) servers that integrated Artifactory with engineers' Claude Code environments, giving agents direct access to artifact metadata and eliminating manual context gathering.
- Modernized critical background jobs on AWS Batch, cutting costs by 50%, raising uptime to 99.99%, and establishing the on-call runbooks the team continues to use.
- Provided technical direction to contract engineers, mentored early-career engineers through their first production deliveries and year-long rotations, and served as a technical interviewer for 10+ engineering roles.

Software Engineer II, June 2021 – February 2023

GeneDx (formerly Sema4), New York, NY / Remote

- Built Kinesis ingestion pipelines processing genetic sequencing data with 100+ distinct markers per test, enabling real-time diagnostic availability for clinicians.
- Engineered Node.js Lambdas and Step Functions for async processing of lab data across the company's largest testing suites, provisioned with Terraform.
- Cut response times and memory usage by 90% with ElastiCache for Redis across multiple applications.

Senior Programmer, April 2018 – June 2021

New York City Department of Investigation, New York, NY / Remote

- Migrated a legacy COBOL database to a modern Java application, enabling efficient reporting and access to decades of data.
- Developed Python scripts to automate investigative search tasks, reducing processing time from hours to minutes.

Software Engineering Intern, January 2017 – September 2017

Major League Baseball, New York, NY

Projects

Majestic 35: iOS app (Swift/SwiftUI) for sharing movie reviews with friends. [On the App Store.](#)

Cool Movies in NYC: Next.js site aggregating showtimes for NYC repertory theaters. [Live now.](#)

Skills

Languages & Frameworks: Java, Go, Python, JavaScript / TypeScript, Swift, SQL, Spring, Node.js, Next.js

AI & Agentic Tooling: Claude Code, MCP development, Claude Skills, Cursor, Windsurf, local LLM agent workflows

Cloud & Data: AWS Certified Solutions Architect - Associate, Kubernetes, Terraform, Redis, SQL / NoSQL

Education

Master of Science, Computer Science — *Pace University*, New York, NY, 2017

Bachelor of Science, Computer Science — *St. John's University*, Jamaica, NY, 2016