

CATHERINE KIM

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Staff Software Engineer, Full Stack, *Pager*

Jan. 2026 - Apr. 2026

- Led modernization of legacy rewards platform using Claude to accelerate development, delivering a configurable admin system where insurance clients define reward types and earning rules. Successfully repositioned the feature from sunset to client-facing competitive advantage, driving deal momentum

Lead Software Engineer, Full Stack, *Pager*

Jan. 2025 - Dec. 2025

- Directed cross-team feature initiatives as software engineering lead - owning solution architecture, RFC authorship, and execution strategy while serving as the key liaison between engineering and product
- Architected and deployed a CSV ingestion pipeline using GCP pub/sub with Terraform infrastructure-as-code, enabling scalable data persistence across services while reducing provisioning overhead and improving deployment repeatability. Authored system diagrams that accelerated team onboarding
- Established and institutionalized a developer workflow framework standardizing proof-of-validation practices and SDET handoffs, reducing QA bottlenecks and enabling teams to ship with greater autonomy
- Leveraged AI-assisted code analysis and documentation tools to improve review efficiency and surface defects earlier, adhering to strict data confidentiality practices

Senior Software Engineer, Full Stack, *Pager*

Jan. 2024 - Jan. 2025

- Took on team leadership responsibilities including running sprint meetings and coordinating pre-launch bug bashes that caught major issues before they reached production
- Improved developer experience for internal SDK contributions by building a local integration test project that allowed endpoint validation without full environment deployment, streamlining iteration, and accelerating development cycles

Software Engineer, Full Stack, *Science 37*

Feb. 2023 - Nov. 2023

As of February 2023, Vault Health was acquired by Science 37

- Developed the scheduling platform to create a more robust appointment management system for clinical trials
- Authored front-end & back-end feature code, accompanied by rigorous test code (Cucumber/Behave, Pytest), to optimize system performance and reliability
- Ensured accurate design implementations and actively facilitated design discussions to ensure a consistent user experience
- Worked with GitHub Actions, Harness pipelines, and AWS for streamlining software delivery

Software Engineer, Full Stack, *Vault Health*

Mar. 2021 - Feb. 2023

- Built and scaled a CFR Part 11-compliant React + Flask telehealth platform supporting scheduling, EMR workflows, and healthcare product ordering across multiple service lines
- Led development of end-to-end features with robust test coverage (Jest, Cypress, Pytest), improving release confidence and reducing production defects
- Designed and implemented 3PL fulfillment integration and SQS-based shipment processing system, improving order routing reliability and automation
- Participated in production ops rotation, monitoring system health, and resolving high-priority incidents to maintain platform stability
- Conducted full-stack engineering interviews and onboarded engineers across levels; initiated Code Reading Club and tech debt forums to elevate code quality and team standards

Founder / Front End Developer, *Forsythia Studio*

Aug. 2017 - Dec. 2019

- Built and optimized e-commerce platform, implemented automated email marketing, and managed social presence to drive customer acquisition and engagement for seasonal collections
- Designed 25+ garments per collection across 2+ annual releases; coordinated cross-functional teams (factories, freelancers, PR agencies) to scale production and execute collection launches

First Creative Pattern Maker, *Marchesa*

Nov. 2018 - Nov. 2019

Assistant Designer / First Pattern Maker, *Christian Siriano*

Sept. 2013 - Mar. 2017

SKILLS

JavaScript, TypeScript, Python, Ruby, SQL | React, Next.js, Redux, Tailwind CSS | Node.js (Fastify, NestJS), FastAPI, Flask, Rails, Django, GraphQL, TypeORM | PostgreSQL, MongoDB, Redis | Jest, Cypress, Cucumber, PyTest | Terraform, Docker, Kubernetes, AWS, GCP | NewRelic, Figma

EDUCATION

Software Engineering - *App Academy*

Graduated July 2020

BFA in Fashion Design | Minor - Art History, French - *Fashion Institute of Technology*

Graduated May 2013