

# CATHERINE KIM

(929) 777-8410 [catkimyj@gmail.com](mailto:catkimyj@gmail.com) Seattle, WA [PORTFOLIO](#) [GITHUB](#) [LINKEDIN](#)

## SKILLS

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JavaScript, TypeScript, Python, Ruby, HTML, CSS/SCSS | React, Redux | Flask, Ruby on Rails, Django, Node.js, SQL, GraphQL, jQuery, PostgreSQL, MongoDB | Docker, AWS, NewRelic, Retool | Figma, Photoshop, Illustrator

## EXPERIENCE

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### Software Engineer, Full Stack, *Vault Health*

Mar. 2021 - Present

Tech Stack: React/Redux, Flask, SQLAlchemy, GraphQL, PostgreSQL, Redis, AWS

- Develop React and Flask-based web application using TypeScript and Python for telehealth scheduling and communication, EMR management, and placement of orders for healthcare products
- Owned implementation of front-end & back-end features and test code (Jest, Cypress, Pytest) for scalability, security, and reusability
- Updated team documentation for centralized information on team projects, team knowledge, and tech specs
- Monitored, triaged, and investigated heartbeats and production-level errors as part of ops lead rotation
- Conducted fullstack engineering interviews and onboarded incoming associate to senior level software engineers

#### Key Projects

- Designed and led the revamping of the company marketing website by ensuring technical feasibility of UX/UI design, building React components, and integrating with Contentful for easy content management
- Owned and implemented scheduling for a new mental health service via third-party APIs, Workpath and Acuity
- Created online patient forms for Covid workplace compliance tool, sold to employers to be used for keeping track of employees' Covid status
- Implemented and designed integration of a new 3PL fulfillment service and scheduled cron job to send SQS messages for retrieval of shipment data
- Drafted and finalized solution architecture for fulfillment routing service
- Initiated, organized, and led Code Reading Club, where junior to senior engineers were encouraged to bring an interesting code snippet to discuss, and team tech debt meeting that focused on refactoring and maintaining code hygiene

### Founder / Front End Developer, *Forsythia Studio*

Aug. 2017 - Dec. 2019

- Designed and constructed front end components of the company website
- Oversaw traffic analysis and managed e-commerce website, automated emails, and social platforms
- Regularly communicated with factories, freelancers, contractors, PR teams, and agencies
- Designed 25+ garments per collection for at least two collections per year
- Retouched all photos and created graphics for the company website and promotions

### First Creative Pattern Maker, *Marchesa*

Nov. 2018 - Nov. 2019

- Drafted patterns for 10+ garments per season for six collections per year, and supervised the processes and execution of garment creation to reduce margin of error in technical fit
- Managed 6+ sewers, and mentored 3+ interns and a junior pattern maker in technical and non-technical skills in the atelier

### Assistant Designer / First Pattern Maker, *Christian Siriano*

Sept. 2013 - Mar. 2017

- Assisted in design execution and worked closely with founder Christian Siriano while managing the studio and communicating with the production team for efficient garment production
- Patterned garments for five collections per year, each collection consisting of an average of 50 looks

## EDUCATION

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Software Engineering - *App Academy*

Graduated July 2020

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

Graduated May 2013

Dietetics Program - *James Madison University*

Aug. 2007 - May 2009