

Thomas Cantwell

Full-stack developer. I believe in the importance of readable and maintainable code, iterative improvement, and continuous learning. Before changing careers in 2020, I owned a small online retail business

EXPERIENCE

Future Foundry — Mid Level Full Stack Developer

Remote web and app development agency

MAY 2021 - SEPTEMBER 2023

I developed and maintained codebases for multiple external clients, planned and implemented database and route designs, and collaborated with other developers to meet clients' needs swiftly and effectively.

CollegeAidPro, MyCAP (Aug 2021 - Sep 2023)

MyCAP is a platform that offers customized financial planning for higher education.

Next.js | React | PHP Laravel | MySQL | HTML | CSS

- Planned and scoped full stack product requirements while also client facing
- Collaborated with another vendor to integrate a custom API, co-design new features, and optimize shared database table structures
- Overcame unique challenges with a shared architecture and implemented business logic that coordinated multiple backends efficiently
- Implemented custom whitelabel versions of the site including theming, auth0 authentication and SSO Tokens
- Designed intricate user interfaces optimizing user experience for complex forms

Tiny Goliath, Amazon Fulfillment App

Shopify App that allows sellers to leverage Amazon's infrastructure for inventory storage, shipping, and returns while selling products on their Shopify store.

Ruby on Rails | PostgreSQL

- Lead backend development from inception to publishing of the app while working closely with the frontend developer
- Integrated Shopify API and Amazon's Selling Partner API, including using AWS IAM for securely managing customer's data
- Quickly digested API documentation to properly plan and scope requirements
- Developed sync protocols to manage data flow and ensure data consistency in distributed environments, improving system reliability and user trust

Lux Capital

Venture capital firm based in New York City that focuses on investments in emerging technologies.

Next.js | React | Vue | NestJS | HTML | CSS

- Migrated the presentation site codebase from React to Next.js
- Enhanced internal accounting data management tools

Government Agency Recruiting Project

Public facing immersive and interactive recruiting experience

Electron | NodeJS | LokijS

- Acted as backend developer to refine the project's recent version, facilitating the launch of more customizable options and expanding the field kit availability

Ready-Set-Wear, New York — Co-owner

Online resale business specializing in selling designer handbags and clothing through merchant sites such as ebay and tradesy.

AUGUST 2015 - JANUARY 2020

I managed finances, customer relations, shipments and product photography

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SIDE PROJECTS

Pixel V — Advanced pixel art drawing app

<https://pixelvee.netlify.app> | [Github](#)

JavaScript | HTML | CSS

- Optimized graphical interface with multiple onscreen and offscreen HTML Canvases
- Created functionality around actions which are reversible with an undo/redo stack
- Built an HSL (Hue, Saturation, Lightness) color picker from scratch for intuitive color selection
- Implemented tool for rasterizing bezier curves using Bresenham's Algorithm

EDUCATION

Flatiron School, New York, NY

Full Stack Web Development, Ruby on Rails and JavaScript program

JANUARY 2020 - MAY 2020

University of California, Irvine, Irvine, CA

Bachelor of Arts in Studio Art

SEPTEMBER 2006 - JUNE 2010

HOBBIES

Baking, Birding, Foraging, Mycology, Photography, Pixel Art

FRAMEWORKS / TOOLS

Next.js | React | Laravel | Rails | Node.js | Rspec | Electron | Heroku | AWS | Jira | Photoshop

LANGUAGES

JavaScript | PHP | Ruby | SQL | HTML | CSS