

Colton Meador

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415-787-0859

Marin County, CA

Work Experience

Contract Software Developer, Thorne Capital LLC

Apr 2022 – Jun 2024

- Developed a live option flow software for stock trading enthusiasts, enabling users to receive real-time trades, create watchlists, and receive notifications.
- Built a full-stack solution with Next.js (TypeScript), PostgreSQL, Tailwind CSS, and server-sent events, integrated with NextAuth (self-hosted), and Stripe for subscription management.
- Automated advertisement and social media postings to streamline marketing efforts.
- Delivered a robust platform to enhance user engagement and decision-making in stock trading.

Education

High School Diploma, San Rafael High School

Graduated: June 13, 2024

Completed coursework in advanced mathematics, computer science, and Spanish through level 3, laying a strong foundation for problem-solving and analytical skills.

Current Student, College of Marin

Graduated: TBD

Pursuing a Bachelor's degree in Computer Science

Personal Projects

Personal Website, Portfolio Showcase

TypeScript, React, Next.js, Tailwind CSS

- Built a personal website to display portfolio and technical skills.
- Designed a responsive and modern UI using Tailwind CSS.
- Implemented server-side rendering and optimized performance with Next.js.

Store API, Unified API for Retail Integration

Go, GraphQL, gRPC, REST, WebSockets, Redis

- Standardized APIs from multiple stores (Target, Walmart, Costco, Home Depot) into a unified REST API.
- Developed a high-throughput solution handling 2000+ requests per second using Go.
- Designed a proxy server in Go to bypass rate limits effectively.
- Integrated various API protocols, including GraphQL, REST, and WebSockets.

Price Error Finder, Retail Flipping Automation

Go, SQLite

- Created a Go-based application to identify pricing errors and clearance items online.
- Leveraged SQLite for efficient single-user local storage.
- Generated consistent monthly revenue (\$9-10k/m) through retail flipping.

Tutoring Business Website, Scheduling and Payment Platform

Tailwind CSS, Vite/React, Express.js

- Built a full-stack platform for managing a tutoring business.
- Developed a frontend with Vite/React and a backend using Express.js.
- Integrated scheduling (Cal.com) and payment processing (Stripe).
- Managed a team of contracted tutors, generating approximately \$2k/month in revenue.

Technical Skills

Programming Languages

JavaScript/TypeScript (Advanced), Python (Advanced), Go (Intermediate)

Frameworks & Libraries

React.js, Next.js, Tailwind CSS, Node.js, Bun (runtime)

Cloud Platforms & Tools

AWS, GCP, Docker, PostgreSQL, Redis

Version Control

Git & GitHub (including CI/CD pipelines)

Objective

My goals

I'm an aspiring software engineer with advanced skills in JavaScript, TypeScript, and Python. I'm currently a freshman college student in Computer Science, seeking opportunities to develop innovative solutions and to contribute to impactful projects in software development, automation, or data-driven solutions.

Hobbies & Interests

My hobbies and interests!

- Hiking and exploring nature
- Playing and listening to music
- Coding and building creative, data-driven projects
- Cooking and baking