

John Hirsch V

[PORTFOLIO](#) | [John Hirsch V | LinkedIn](#) | [jhirschv | GitHub](#)

SUMMARY

Software developer skilled in Python, Java, and JavaScript. Experience in full-stack web development using Spring Boot, Django, and React. Strong communication and goal setting skills honed from several years working as a personal trainer. Pursuing developer roles in a technical environment.

LANGUAGES | FRAMEWORKS | TOOLS

Java, JavaScript, Python | React, Spring Boot, Django | MySQL, AWS, Tailwind

EXPERIENCE

BestTech — Launch Code Capstone Project <https://besttech-frontend.vercel.app/>

July 2024 - Present

- Developed a comprehensive eCommerce application with a fully functioning admin dashboard
- Created a product recommendation machine learning algorithm using Python and Scikit-learn
- Integrated JWT Authentication for secure API requests and user logins
- Utilized Shadcn/ui and tailwind to develop a modern user interface
- Tech Stack: Java, Spring Boot, React, MySQL, Tailwind CSS, shadcn/ui, AWS, Python, Stripe API

Train.io — Fitness Training App <https://trainio-liart.vercel.app/>

January 2024 - June 2024

- Created a fully functioning fitness app that rivals several mainstream applications
- Implemented an AI-powered workout creator through OpenAI's API
- Integrated a comprehensive workout journal to track users workout weights, reps, videos, and notes
- Features a personal training system where users can share workouts, track clients data, and message
- Tech Stack: Python (Django), React.js, PostgreSQL, Tailwind CSS, shadcn/ui

Discourse — Chat Application <https://discourse-chat-app-frontend.vercel.app/>

January 2024 - July 2024

- Created a real time chat application, allowing users to signup and chat with friends
- Used Django Channels and WebSockets to manage real time messaging
- Designed an interactive React frontend that is fully mobile responsive
- Tech Stack: Python (Django), React.js, PostgreSQL, Tailwind CSS, shadcn/ui

Cloud Code — Online Code Execution Project

June 2024 - Present

- Created a web based coding environment that allows users to write code that is executed remotely
- Utilized the Docker SDK to spin up docker containers to execute user submitted code
- Developed a frontend text editor using the Monaco text editor react package
- Tech Stack: Python, Django, Docker, React.js, Tailwind CSS, Material UI

Social Network — CS50's Web Programming with Python and JavaScript Project

October 2023 - December 2023

- Developed a social network platform with interactive posts and a follow/follower system
- Utilized Django's ORM to manage user data and interactions with efficient database queries
- Incorporated asynchronous JavaScript API requests for single page application functionality
- Tech Stack: Python (Django), JavaScript, WebSockets

EDUCATION

LaunchCode, Web Development, 2024

Old Dominion University, Bachelor of Science, Exercise Science, 2023