

Full-Stack Developer specializing in Django and React, with experience building high-impact web applications across EdTech, HealthTech, and e-commerce. Former technical instructor who applies learning principles to build intuitive, easy-to-understand user experiences. Currently building cThink, a multisensory learning platform, and Turtle AI, a structured AI-assisted development workflow that enforces reliable, step-by-step software development with LLMs.

Skills

Languages: Python, JavaScript | Frameworks: Django, Flask, React, Node.js, HTMX

Databases: PostgreSQL, SQLite, MongoDB | Cloud: AWS (RDS, S3, EC2, Lambda), Docker

Testing: Pytest, Jest | Tools: Git, Celery, Ngrok

Projects

[Turtle AI](#) - AI-Assisted Development Framework (Python, Markdown, LLM Workflows)

- Built a controlled AI-assisted development system to enforce deterministic execution and reduce errors in LLM-driven coding workflows

- Implemented a plan-based state machine using markdown files to guide AI behavior and maintain task consistency

- Introduced an "Engineer Checkpoint" layer to validate developer understanding and prevent over-reliance on AI-generated code

[cThink](#) - Multisensory EdTech Platform (Django, HTMX, PostgreSQL, AWS)

- Built a multisensory learning platform using the D.A.B. framework to improve retention of technical concepts through interactive user flows and assessments

[Linktag](#) - Job Data Processing Tool (Python, React)

- Built a data-processing tool to transform LinkedIn exports into actionable job insights

[Highlander](#) - Team Management Platform (Javascript, Node.js)

- Built a team management platform with relational data modeling

Professional Experience

Empowered Path Therapy • Stamford, CT

July 2024 - June 2025

Full-Stack Developer - Contract

- Built and deployed 10+ webpages using Django and Wagtail CMS
- Designed relational data models to support core application workflows
- Implemented CI/CD pipelines to improve deployment efficiency

Rubix Tech AI • Los Angeles, CA

January 2024 - January 2025

Software Engineer - Contract

- Led MVP development using Django, HTMX, and PostgreSQL, onboarding 100+ users with 70% retention
- Built 15+ UI components and prototypes, improving usability and consistency
- Developed AI chatbot using AWS Lex, reducing response time by 85%

The Seeker • Berkeley, CA

February 2023 - January 2024

Full-Stack Developer - Contract

- Built authentication and CSV data pipelines, reducing onboarding time by 40% and ensuring accurate data mapping into PostgreSQL

Tiny Organics • New York, NY

September 2021 - February 2023

Software Engineer

- Designed and implemented a subscription pausing workflow system using Django-FSM supporting 10K+ users
- Increased test coverage by 10% with unit and integration testing
- Built webhook-driven microservice to cancel queued subscription orders, reducing churn

The Knowledge House • Bronx, NY

April 2017 - March 2020

Lead Technical Instructor

- Taught 400+ students in web development, contributing to 70% internship and 85% job placement outcomes
- Led a team of 4 engineers to build the initial cThink prototype, defining product and technical direction

Education

Eastern Connecticut State University | BS, Communication | 2009