Heriberto Roman Full-Stack Developer   203-752-8089

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Full-Stack Developer with experience building web applications across HealthTech, e-commerce, and EdTech using Python, Django, React, and PostgreSQL. Former technical instructor who enjoys simplifying complex technical concepts and mentoring others. Currently building cThink, a multisensory EdTech tool designed to help beginners retain programming concepts.

Skills

Languages: Python, JavaScript, HTML/CSS
Frameworks: Django, React, Node.js, Express, Redux, HTMX, Alpine.js
Databases: PostgreSQL, MongoDB
Cloud/DevOps: AWS (RDS, Lambda, LEX, S3, EC2), Docker, Heroku, Fly.io
Testing: Pytest, Jest, Unit Testing, Super Test, Integration Testing
Tools: Git, JIRA, Celery, Ngrok
Design & Prototyping: Figma, UX/UI Prototyping
Methodologies: Object-oriented Programming (OOP), RESTful Web Services, CI/CD, Agile/Scrum

Projects

cThink - A Multisensory EdTech learning tool built with **Django, HTMX, PostgreSQL, and AWS**, helping learners simplify technical concepts and retain them through association building.
Linktag - Job-search enhancement tool using **Python and CSV parsing** to process LinkedIn-exported data and help users shortlist relevant roles.
Tiny Organics Cancel Queue Order Microservice - **Node.js/Express** microservice integrated with **Recharge and Shopify APIs** to cancel queued orders and reduce churn.
Highlander - A web app for coaches to manage their teams stats, averages, trash talk, and poach players from other teams built with **Node.js, Express, jQuery, PostgreSQL**.

Professional Experience

Empowered Path Therapy • Stamford, CT   **July 2024 - June 2025**
Full Stack Developer - Contract
- Developed, designed, and tested 10+ company webpages utilizing Django and Wagtail CMS, increasing user engagement.
- Set up and maintained a relational database system, improving data accessibility through efficient storage, retrieval, and manipulation of data.
- Utilized source control, automation tools, and CI/CD processes to reduce development cycles and optimize production releases.

Rubix Tech AI • Los Angeles, CA   **January 2024 - January 2025**
Software Engineer - Contract
- Led the development of the MVP software using Django, HTMX, and PostgreSQL, testing with 100+ users and achieving a 70% user retention rate, validating market demand.
- Designed and developed 15+ interactive UX/UI web components and prototypes using Figma, enhancing user experience and visual consistency.
- Developed AI Chat bot with AWS Lex that delivered efficient customer support, reducing response time by 85% and improving user engagement.

The Seeker • Berkeley, CA   **February 2023 - January 2024**
Full Stack Developer - Contract
- Implemented user registration and login functionality, allowing seamless user authentication and data management.
- Designed and implemented CSV upload and parsing, reducing user onboarding time by 40% and ensuring accurate data mapping into PostgreSQL.
- Utilized Django ORM to enable users to select their preferred job roles and tags, enhancing the app's personalization for each user.

Tiny Organics • New York, NY   **September 2021 - February 2023**
Software Engineer
- Built a subscription pausing feature utilizing the Finite State Machine model with Django-FSM for a location-based recipe feature. This allowed our 15K customers more configurability in their product orders, preventing product loss and optimizing savings.
- Increased overall code coverage by 10% through the implementation of robust unit, integration, and mock tests for endpoints with Jest and Supertest.
- Created a microservice/webhook enabling users to unsubscribe from products and services via Recharge/Shopify API, using Ngrok, Docker, Express, and Node.js
- Utilized Wagtail, an open-source Django/Python CMS to revamp company home pages that allowed content management at scale.

The Knowledge House • Bronx, NY   **April 2017 - March 2020**
Lead Technical Instructor
- Developed & facilitated technical curriculum ranging from web development to web design, serving 400+ participants to close the gaps in the education-to-employment pipeline by leading digital skills training in coding and design for underserved young people in the Bronx.
- Researched industry best practices to revamp curriculum and instruct our advanced JavaScript courses, resulting in 70% internship placements by course attendees.
- Implemented new coding strategies and pedagogy resulting in 85% job placement for Fullstack Academy students.

Independent Software • New Haven, CT   **May 2015 - August 2016**
A100 Program Web Developer Apprentice
- Developed a full-featured, scalable web app for Fantasy Squared, an A100 venture company, with Python and HTML/CSS, collaborating with a team of 5 developers and project managers, resulting in improved feature delivery.
- Developed an invite system that provided the ability to send an email and invite friends to leagues utilizing Meteor.js and Blaze.js templating engine.
- Created a polling system that tested user's knowledge on sporting events with Blaze.js, Meteor.js, and MongoDB.

PicSpotr • Hartford, CT   **February 2014 - April 2014**
Web Development Intern
- Developed HTML email campaigns to effectively meet marketing objectives, enhancing engagement through visually appealing and correctly formatted emails.
- Conducted light design, image editing, and optimization, using tools like Photoshop and Illustrator to improve visual content quality, leading to better user interaction
- Converted Photoshop mockups to responsive HTML, CSS, and JavaScript code, ensuring cross-browser compatibility and enhancing the overall user experience

LatinosinHigherEd.com • Woodbridge, CT   **Apr 2007 - September 2014**
Webmaster
- Built and maintained responsive, user-friendly web pages using HTML, CSS, JavaScript, and PHP
- Leveraged Dreamweaver to design, edit, and manage site content and layouts when needed
- Integrated APIs and third-party services, such as Indeed and Job Target, to enhance application functionality and increase user engagement

Education

Formation, Remote - Software Engineering Fellow | 2023
Thinkful | Immersive Full-Stack Web Development Bootcamp | 2016
Eastern Connecticut State University | BS, Communication | 2009