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Summary

I've been writing software for 13 years and have spent the last year helping startups build their products by creating cost-effective, scalable and flexible solutions for their complex business needs. Outside of work, I share my thoughts on tech and help others learn to code.

Desired roles

Full Stack Developer, Python Developer or Software Consultant.

Tech Stack

Python, FastAPI, TypeScript, Next.js, PostgreSQL, Redis, Shopify, Debian.

Experience

Full Stack Developer getitAI, Inc.

Oct 2023 - Present
Remote, Contract

Upgraded the RAG framework to reduce delays and costs, adding caching, full text search, and toggling for knowledge bases.

Built async-ready API infrastructure using PostgreSQL and Redis.

Created LLM tools to manage Shopify Carts, Orders, and Subscriptions.

Led development of Shopify integrations and systems for agent knowledge.

Redesigned API structure for easier updates and additions.

Developed the API's first complete set of automated tests.

Wrote clear, detailed setup guides for new clients.

Made a custom test system for Shopify integrations.

Joined as an early employee, helping in all stages of the startup.

Handled confidential tasks, research, problem-solving, and customer support.

Set up the automated build and deployment system for the API.

Full Stack Developer Signed NDA

July 2023 - April 2024
Remote, Contract

Set up and managed key infrastructure: CI/CD pipelines, load balancers, and databases. Maintained servers to ensure security and minimize downtime.

Created and implemented a full credits system for the API, connecting it with external subscription services like Outseta.

Built and launched a multi-server system for handling custom user requests at high volumes.

Rebuilt the API's core structure, making it faster, more stable, and easier to expand.

Projects

I have 18 repositories filled with websites, APIs, games, tools, and more on my Github. Most of these are developed in the courses I teach.

Education

Certifications

Certified Scrum Master from Scrum Alliance

Courses

Backend Developer from Meta (9 courses)
Frontend Developer from Meta (9 courses)
IT Automation with Python from Google (6 courses)
Python for Everybody from University of Michigan (5 courses)
Machine Learning Specialization from IBM (1/6 courses)

Highschool

Colegiul Național „Mihai Viteazul” București
Mathematics and Informatics Profile
Graduated in 2022

Skills

Python

#uwsgi #shopify
#langchain #asyncio
#openai #unittest #httpx
#lxml #black

I started coding in Python with the release of version 3.2 in 2011. My work spans scripting, gaming, web development, automation, and more recently, projects involving Large Language Models. I'm also teaching students and juniors to code in Python.

Linux

#debian #openssh #qemu
#nftables #nfs #bind9
#isc-dhcp-server
#dnsmasq #bash

Since getting my first computer, I've used Debian for everything from setting up servers and building networks to managing services and fixing system issues. I host my projects on VPSes that I manage myself.

Backend

#fastapi #postgresql
#redis #celery #dramatiq
#supabase #sqlalchemy
#pydantic

I work with ASGI REST APIs daily to support SaaS platforms. In 2020, I developed a framework on a uWSGI server to manage the backend of multiple presentation websites. My code is self-documenting, scalable and consistent within design patterns.

Frontend

#nextjs #react #typescript
#javascript #tailwindcss
#bootstrap #material
#sass

I mainly work on backend development, but I'm also good at making user interfaces and connecting them to the backend. In 2020, I built a CSS framework from the ground up to give websites a look similar to what you get with Tailwind CSS.

DevOps

#railway #github-actions
#hetzner #haproxy
#pgbouncer #git #docker
#prometheus #grafana
#sentry #supervisor

I can install and take care of Linux, web, and database servers, along with containers, making sure they handle traffic smoothly. I've also set up systems for continuous integration and delivery, as well as monitoring tools.