

Luca Matei

+40 771 344 046

hello@lucamatei.eu

https://lucamatei.eu

Rotterdam, South Holland, Netherlands

lucamatei

luca-matei

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Summary

Experienced impact-driven developer specializing in B2B startup environments. Creator of open-source IaC tool, WSGI web framework, and utility-first CSS library. Authored technical guides for various software products. Proficient in Python, FastAPI, TypeScript, Next.js, PostgreSQL, Redis, Shopify, and Linux. Mentor for students and junior developers in procedural programming, web development, and LLMs. Open-source contributor to Pydantic. Built high-throughput e-commerce products in global, agile teams. Certified ScrumMaster with multiple Coursera certifications in full-stack development, AI, and Rust. Pursuing AWS certification.

Desired roles

Python Developer or Full Stack Developer

Tech Stack

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

Experience

Full Stack Developer with LLMs

getitAI, Inc.

Oct 2023 - Present · 1yr

Remote, Contract

San Francisco, California,

United States

Key developer in a global team building AI Sales Agents. As the longest-tenured developer, I contributed to all stages of the startup. My work includes improving our custom RAG, building Shopify integrations from the ground up, setting up customers, working on critical infrastructure, and coordinating developers.

- Improved custom RAG framework with real-time updated product database integration, efficient query caching, vector database optimizations, full text search
- Developed async-ready API infrastructure for PostgreSQL, Redis and HTTP requests
- Created LLM tools to manage Shopify Carts, Orders, and Subscriptions
- Led development of Shopify integrations and systems for agent knowledge
- Redesigned API structure to simplify updates and additions
- Implemented the API's first complete set of automated tests
- Developed a custom test environment for Shopify integrations
- Implemented the first automated build and deployment system for the API
- Wrote documentation for the development team

Software Developer and Consultant

Helped startups create cost-effective and performant e-commerce products, coached junior developers to build a strong foundation in

Jun 2023 - Present · 1yr 4mos
Remote, Self-employed
European Economic Area

software development, contributed to and authored open-source projects and documentation, and started my entrepreneurial journey in local markets.

- Invited speaker on AI at a Packet Coders event
- Developing a SaaS product for over 11,000 Romanian homeowners associations
- Provided private tutoring on Large Language Models (LLMs)
- Advised startups on custom software solutions for employee timekeeping and network services
- Led weekly Python courses covering APIs, web scraping, and game development for junior developers
- Completed freelance projects via Upwork and Fiverr
- Authored open-source learning materials
- Contributed to the Pydantic library
- Managed private Virtual Private Servers (VPSs) and DNS servers

Python Developer with LLMs

Signed NDA
Jul 2023 - Apr 2024 · 10mos
Remote, Contract
European Economic Area

Quickly progressed to lead developer and architect role. Reconstructed critical API and infrastructure components to improve throughput and maintainability. Delivered new system version 2 months ahead of the 1-year contract schedule.

- Reconstructed and launched a multi-server system to process high-volume custom user requests
- Rebuilt the API's core structure, improving speed, stability, and expandability
- Designed and implemented a comprehensive credits system for the API, integrating with external subscription services
- Established and managed essential infrastructure including CI/CD pipelines, load balancers, and databases
- Maintained servers to ensure security and minimize downtime

Peer Mentor

Jun 2022 - Jun 2023 · 1yr 1mo
Hybrid, Freelance
Bucharest, Romania

Helped students learn procedural programming using C++ and Python. Wrote setup guides for various software tools.

- Created configuration guides for over 10 software products and systems
- Ran web development workshops for 25+ students twice a week for 3 months
- Tutored 15+ students in procedural programming
- Helped build websites for a high school and local bakery

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)