

LAZAROS FRAGAKOS

Full Stack Software Engineer · 3+ Years of Experience

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LinkedIn · GitHub · Portfolio

Summary

Full-stack Software Engineer with **3+ years of professional experience** | AI Integration | Cross-Functional Leadership Bridging the gap between robust full-stack engineering and the AI frontier. As a developer with a pre-boom background in Machine Learning, I don't just use modern AI tools—I understand how they work. This allows me to engineer highly effective prompts, prototype at lightning speed, and execute with precision across the entire stack. I bring that same efficiency to team management. I thrive on leading cross-functional groups, untangling complex workflows, and extracting the most innovative ideas from my team members to build exceptional, future-proof software

Skills

TypeScript | JavaScript | Python | React | Next.js | TailwindCSS
PostgreSQL | MongoDB | MySQL | Docker | Nginx | PM2 | Git | OpenAI API

Experience

Software Engineer — Enneas

Nov 2023 – Present · Athens, Greece

- Built the **Hellenic Parliament Library Digital Repository** — enterprise archive with **15M+ digitized pages** (1750s–present), multilingual (EN/GR), full-text search, four major collections · React TypeScript TailwindCSS PostgreSQL Nginx
- Delivered the **Stavros Xarhakos Digital Archive** — cultural heritage platform with horizontal-scroll UI across 8 thematic collections, integrated audio library, and diverse media types · Next.js Framer Motion DSpace API
- Built **AIRIS & Vitex Visualizer** — AI SaaS products enabling homeowners to preview paint colors on virtual home representations with OpenAI-powered suggestions · Next.js Python OpenAI API

- Shipped an **Interactive Multi-Touch Repository Explorer** for large public displays, supporting **4 simultaneous users** browsing floating digital artifacts · **React Framer Motion**
- Owned production infrastructure across all client deployments (Nginx reverse proxy, PM2 process management, server provisioning)

IT Department Supervisor — Hellenic Army

Jan 2023 – Nov 2023 · Greece (*mandatory national service*)

- Managed IT systems and infrastructure operations for the unit; applied engineering discipline to internal tooling and workflow automation

Data Scientist Intern — Datawise AI

Oct 2021 – Mar 2022

- Built and maintained data pipelines; performed exploratory analysis and contributed to ML modeling workflows in a private-sector environment

Programming Tutor — Freelance

Jan 2021 – Aug 2023

- Taught programming fundamentals through advanced topics to multiple students over 2+ years, concurrently with university studies and other roles

Selected Projects

Project	Stack	Link
Hellenic Parliament	React, TypeScript, TailwindCSS,	digitallibrary.parliament.gr
Digital Library	PostgreSQL, Nginx	
AIRIS — AI Home	Next.js, Python, OpenAI API, Nginx	airis.vitex.gr
Visualization SaaS		
Stavros Xarhakos	Next.js, TypeScript, Framer Motion,	xarhakos.enneas.gr
Digital Archive	DSpace API	
Vitex Color Palette	Next.js, Python, OpenAI API, PM2	globalcollection.vitex.gr
Visualizer		
Interactive Historical Atlas	JavaScript, HTML, CSS, Nginx	atlas.jct.gr

Project	Stack	Link
GymSync — AI Fitness Platform	Next.js, Python, OpenAI API, Vercel	Live
Ludo Logic — AI Game Recommender	Next.js, Python, OpenAI API, Vercel	Live

Education

BSc, Informatics and Computer Engineering

National and Kapodistrian University of Athens · 2016 – 2022

Additional

Languages: Greek (native) · English (professional)

Open to: Hybrid · Remote · On-site