

Angelos Papamichail

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Summary

Full-Stack Developer and Digital Skills Trainer. MEng in Electrical and Computer Engineering (AUTH). Building technology that solves real problems, from radio analytics platforms to self-hosted restaurant systems. Early AI/LLM adopter since GPT-3.5 (late 2022), experienced in prompt engineering and AI-assisted development.

Experience

Digital Skills Trainer • Social Inov

Nov 2025 – Present

Teaching digital literacy to adults and seniors via NGO partnership

DM & Social Media Trainer • ΣΑΕΚ ΔΥΠΑ

Oct 2025 – Present

Instructor for vocational digital marketing program

Data Entry Clerk • Agricultural Cooperative

May – Oct 2025

- Built Vue.js browser extension, **40% faster** data entry
- Created internal wiki with 50+ documented procedures
- Trained 5 new staff members on digital workflows

Night Auditor • TUI Magic Life Plimmiri

May – Nov 2024

- Semi-automated guest card scanning, **3x faster**
- Built Svelte multilingual hotel map for 500+ guests
- Documented Protel PMS procedures for team training

Python Developer • Koukas Iason Software

Feb – Jun 2024

Backend API integration for mobile game with 10K+ users

Software Developer Intern • Veltio

Aug – Oct 2020

Docker containerization, CI/CD pipeline setup

Education

MEng, Electrical & Computer Engineering

Aristotle University of Thessaloniki

2014 – 2023 • GPA: 7.33

Thesis: RationVet, Veterinary diet optimizer

Smart Building Programming (Level 1)

IDEA Lifelong Learning Center, 2024

Volunteering

Youth Council of Orestiada (2025–Present)

TEDx AUTH (2016)

Ardas Music Festival

Certifications

- Backend Development & APIs, freeCodeCamp
- Data Analysis with Python, freeCodeCamp
- Scientific Computing with Python, freeCodeCamp

Featured Projects

Order Local

Go, SQLite, HTMX, Alpine.js

Self-hosted restaurant ordering for Raspberry Pi. Single binary, SSE real-time updates, local-first architecture.

Diesi Analytics

Python, FastAPI, Vue.js, Redis, Docker

Radio station analytics platform. ML predictions from 337K song records. Self-hosted on personal server.

Emotion Recognition

Python, OpenCV, scikit-learn, SVM

Real-time emotion detection for video calls. Uses LBP features and SVM classification. Academic project.

SpotifyPay

React, Google Apps Script, GitHub API

Spotify Family cost calculator with email notifications. Split-data architecture for privacy.

SubtitleKit

Python, PyPI package

Subtitle processing toolkit. Sync, merge, shift timings. LLM integration for corrections.

→ More projects

Technical Skills

Languages

Python • Go • JavaScript/TypeScript • SQL • C/C++ • PHP

Frontend

React • Vue.js • Svelte/SvelteKit • Astro • HTMX • Tailwind

Backend

FastAPI • Express.js • Django • Flask • Chi Router • Node.js

Databases

PostgreSQL • SQLite • MongoDB • Redis

DevOps

Docker • Git • Linux • CI/CD • GitHub Actions • Vercel

AI/ML

Prompt Engineering • LLM APIs (GPT, Claude, Gemini)
RAG • AI-assisted Development (Cursor, MCP)

Soft Skills

Teaching and Training • Technical Documentation
Problem Solving • Team Collaboration • Adaptability

Languages

Greek (Native) • English (C2) • German (B2)

Operating Systems: Windows (XP–11) • Linux (Ubuntu, Debian, Arch) • macOS

- JavaScript Algorithms & DS, freeCodeCamp
- Data Scientist Professional, Codecademy
- Front-End Engineer Pro, Codecademy