NIKOLAOS MITROPOULOS

Junior Python Backend Developer | Digital Systems Student



Sparta, Greece | Remote Part-Time / Internship Opportunities
Email: nickmitropoulos08@gmail.com | Phone: +30 6906952577
GitHub: https://github.com/nikmitrop08-cpu | LinkedIn: linkedin.com/in/nick-mitropoulos-125879450

PROFESSIONAL SUMMARY

First-year Digital Systems student at the University of the Peloponnese with hands-on experience building Python applications, REST APIs, database-backed services, and desktop software. Interested in backend engineering, cybersecurity, networking, and cloud infrastructure; seeking a remote part-time junior or internship opportunity.

EDUCATION

University of the Peloponnese — Department of Digital Systems | Sparta, Greece | 2026–Present
Undergraduate student, first year
Protypo Lykeio Agion Anargyron | High School Diploma | 2026

TECHNICAL PROJECTS

FleetRoutIQ — Multi-Tenant Fleet Management Platform | *Working prototype; ongoing development*

- Worked on a fleet management system combining FastAPI backend services, a Next.js dashboard, Flutter mobile app, and GPS tracking integration.
- Worked with database models, authentication, tenant-aware permissions, Docker Compose services, automated tests, and migrations.

Technologies used: Python, FastAPI, PostgreSQL, SQLAlchemy, Alembic, Docker Compose, Supabase, Next.js, Flutter, Traccar

AI Receptionist — AI-Powered Appointment Assistant | *Working prototype; ongoing development*

- Worked on appointment availability and booking workflows, AI service integration, and browser-based voice interaction.
- Used database-backed API functionality and Supabase authentication.

Technologies used: Python, FastAPI, PostgreSQL, Supabase, JavaScript

Secure Password Manager — Desktop Application | *Completed*

- Built a Python/PySide6 graphical application for managing stored credentials.
- Used encrypted-file storage and Python's secrets module; cryptographic implementation has not yet been independently reviewed.

Technologies used: Python, PySide6, file-based storage, secrets

TECHNICAL SKILLS

Programming: Python, SQL; basic Bash / Linux command-line experience
Backend (project experience): FastAPI, REST APIs, Pydantic, SQLAlchemy, Alembic
Databases & tools: PostgreSQL, SQLite, Git, GitHub, Docker, Docker Compose, Linux
Additional project exposure: PySide6, Supabase, Next.js, Flutter; authentication and RBAC concepts

CYBERSECURITY TRAINING & DEVELOPMENT

Cisco CCNA (200-301) — currently preparing; not yet certified. | Fortinet security training — studying with a Cloud Security focus; certification not claimed.
TryHackMe — completed 90+ practical cybersecurity rooms/labs; introductory networking, enumeration, and security concepts.

LANGUAGES & INTERESTS

Greek: Native | English: Cambridge C2 | German: B1
Interests: Python backend engineering, cybersecurity, cloud security, network infrastructure, automation