DIMITRIOS MANOS

JUNIOR SOFTWARE / DEVOPS ENGINEER (PYTHON, LINUX)

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SUMMARY

Junior Software Engineer with hands-on experience in Python, Linux systems, and backend development.
 I build automation tools, monitoring scripts, and REST APIs with FastAPI, and I'm growing my skills in DevOps practices and cloud fundamentals.

PROJECTS

Vision Helper Bot v2 — Computer Vision Automation Tool

• Built a desktop automation tool using OpenCV and Tkinter to detect on-screen elements and trigger actions.
• Designed configurable workflows with a focus on maintainability.

Server Stats — Linux Monitoring Script (DevOps Roadmap Project)

- Wrote Bash scripts to analyze CPU, RAM, disk usage, and top processes on Linux servers.
- Used /proc metrics and standard Linux tools for real-time system observability.

Private Multi-Tenant Backend Platform (In Development, Private Repo)

- Built REST APIs with FastAPI and PostgreSQL with data isolation and RBAC.
- Managed schema evolution via migrations and containerized services for local development.

Local LLM Web UI — Frontend + Backend Integration

- Built a static web UI connected to a backend API for local LLM interactions.

EDUCATION

Vocational Training Institute (IEK) — Specialty:Web Designer-Developer

- Core topics: programming fundamentals, operating systems, networking basics, databases

BSc in Economics

- Analytical thinking, business processes, and data interpretation

Cybersecurity Certificate
- Fundamentals of authentication, access control, and security concepts

SKILLS

- **Programming & Scripting:** Python, Bash, Java, C/C++
- **Backend & Web:** FastAPI, REST APIs, SQL/PostgreSQL (basic)
- **Linux/DevOps:** Linux, Docker (basic), CI/CD concepts (basic)
- **Infrastructure:** Cloud fundamentals (basic)
- **Tools:** Git, GitHub