

Florin Emanuel Todor Gliga

Back-end Development (Python) · Linux Systems · Cybersecurity · Applied AI
Motril, Granada (Spain) | +34 642 394 364 | florintodorgliga@gmail.com
florintodor.dev | github.com/FlorinTodor | linkedin.com/in/florin-emanuel-todor-gliga

PROFILE

Python back-end developer at Gestion Systems. Double Degree in Computer Engineering and Business Administration from the University of Granada, focused on cybersecurity, Linux systems administration and server infrastructure. Experience deploying high-availability web services with Docker, Nginx and iptables, and building a cybersecurity tool based on generative AI (final degree project). PCAP certification (Cisco).

PROFESSIONAL EXPERIENCE

Back-end Developer — Gestion Systems | Internship contract, remote | Sep 2026 – present

- REST API development in Python (Flask, Pydantic) on PostgreSQL, with SQLAlchemy and versioned migrations in Alembic.
- Language models integrated in production (Claude API): structured output validated against a schema, with retries on the model response.
- Hexagonal architecture, testing with pytest and continuous delivery on Bitbucket Pipelines; ticket-based work in Jira with code review.

PROJECT EXPERIENCE

Ciber-AsesorIA — Technical Measures Subsystem (ST) | Final degree project, UGR

- Compliance assessment engine (ENS, NIS2, DORA) modelled as a knowledge graph in Neo4j, with an inference engine written in Cypher.
- LLM-based conversational agent (Ollama, LangChain) with an automatic answer validation module (LLM-as-judge).

High Performance Web Farm | High Performance Web Servers (SWAP), UGR

- Load balancer setup (Nginx, HAProxy) and perimeter security with iptables and HTTPS/SSL (OpenSSL).
- Performance analysis and benchmarking under heavy load with Apache Benchmark and Locust.

EDUCATION

Double Degree in Computer Engineering and Business Administration

University of Granada | 2021 – 2026

CERTIFICATIONS AND FURTHER TRAINING

PCAP: Programming Essentials in Python and Introduction to Cybersecurity — Cisco Networking Academy | 2020 – 2021

MOOC on Free Software and MOOC on Machine Learning and Big Data for Bioinformatics — University of Granada | 2021 – 2022

Aptis ESOL International Certificate, level B1 — British Council | 2026

TECHNICAL SKILLS

Systems and infrastructure: Linux (Bash), Docker, Docker Compose, Nginx, HAProxy, load balancing, high availability, CI/CD (Bitbucket Pipelines, GitHub Actions)

Cybersecurity: Perimeter security with iptables, HTTPS/SSL (OpenSSL), compliance assessment (ENS, NIS2, DORA), PCAP certification

Back-end development: Flask, Pydantic, SQLAlchemy, Alembic, APScheduler, hexagonal architecture, REST APIs

Languages and databases: Python, C++, SQL, Cypher, HTML/CSS · PostgreSQL, Neo4j (graphs), Supabase

AI and data: Generative AI (Claude API, Ollama, LangChain), structured output, prompt engineering, Pandas, Statsmodels

Performance and testing: Apache Benchmark, Locust, pytest, Ruff

Methodology: Git flow, code review, conventional commits, Jira, Confluence, agile development

LANGUAGES

Spanish — Native | English — B1 (Aptis ESOL, British Council)