Luiz Felipe Melo

BSc in Computer Science · Unisul · 2022–2026 (in progress)

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Portuguese (Native) · **English (Fluent)** · Spanish (Basic)

Highlights

- **8+ years** software development · **4+ years** cybersecurity · **30+ projects** (Fiverr, referrals)
- Focus on **Python**, **AI/ML**, **LLMs**, **Automation**, **AI Agents**, **Web Scraping**
- Pipelines with LLMs, Computer Vision, Machine Learning; APIs, automation, workflows with n8n
- Fluent English: meetings and briefings with international clients

Professional Experience

Cybersecurity Analyst *3MCyber*   Jun 2024 − Present
Global/Remote

- Cybersecurity and data protection consulting; full pentests (kick-off to executive report)
- Internal tooling for asset management and process standardization

Software Engineer *clipa-ai*   Jun 2024 − Feb 2025
Freelance/Remote · AI-driven SaaS platform for content creation

- Stack: OpenAI API, Replicate, Auth0, Mercado Pago, Docker
- Monolithic architecture with job queue; LLM and image generation model integration

Information Security Administrator *OSTEC Business Security*   Nov 2021 − Jun 2024
Tubarão, SC

- Pentests and Vulnerability Management for 25+ clients; SOC, SIEM/XDR, WAF implementation
- Internal tools, dashboards, workflows; vulnerability management and training

Freelance Software Developer *Various Projects*   Jun 2020 − Present
Global/Remote · Fiverr and referrals

- **YouTube Content Agent:** End-to-end pipeline (Ideas → Prompts → Images → RPA CapCut → Upload). Python, Streamlit, Llama, flux-schnell. ~**3.5M views, 5k+ subscribers**
- **Trading Bots:** Binance, IQ Option, deriv.app, binary.com, MT5. LLM pipeline (signals → prompts). ML with XGBoost and neural networks. Projects sold as digital products
- Dashboards (B3, forex, crypto); SaaS platforms; cross-platform, web and desktop apps

Technical Stack

Languages: Python, Go, Java, JavaScript, C/C++ | **AI/ML:** PyTorch, Keras, LangChain, ollama
Frameworks: OpenCV, Streamlit, Selenium, Flask, FastAPI | **Infra:** Linux, Docker, Wazuh, Kibana

Education and Extracurricular

BSc in Computer Science *Unisul*   2022 − 2026
Competitions: Campus Party Brasília 2019 − 1st Place CTF RNP, 2nd Place CTF Decred
Presented at: Unisul Tubarão, 2023 − Exploits in Web Applications and APIs
Unisul Tubarão, 2025 − AI in practice, self-hosting LLMs