

João Silva Neto

Software developer · Computer Engineering student

Open to software internships | Belém, Brazil

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joaosnet.github.io | GitHub | LinkedIn | Lattes

Profile

I enjoy understanding the whole system: from acquiring a signal to the API that processes it and the interface that makes the result useful. My experience comes from academic and personal projects, with an emphasis on learning, documentation and verifiable work.

Education

Computer Engineering · UFPA

Bachelor's degree in progress · expected graduation in 2026. Advanced English.

Skills

Python, FastAPI, REST APIs, JavaScript/TypeScript, Flutter, Docker, Git, ESP32, Rust.

Selected projects

AetherSense - Research prototype · Thesis

An experimental platform connecting Wi-Fi signals, processing and a web interface to explore camera-free sensing.

joaosnet.github.io/en/projects/aethersense/

DMóvel - Academic team project

An application in the DMóvel ecosystem with web access and mobile distributions, developed in the academic context of LAPSHub.

joaosnet.github.io/en/projects/dmovel/

Evolutionary Lab - Public interactive demo

A browser-based lab comparing genetic algorithms, particle swarm optimization and differential evolution on benchmark functions.

joaosnet.github.io/en/projects/evolutionary-lab/

Experience

Academic and personal projects since 2022; IoT since 2023; API integrations and automation since 2024.