

Lucca Huguet

Full-Stack Developer · AI Orchestration & Developer Tools

● REMOTE

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I build frontend interfaces, backend services, and developer tools. At Elfotec, I work across the stack; in open source, I created Yazelix Nova. AI orchestration is my strongest skill: I set direction, guide coding agents, and review and test their work. My projects span Rust-based terminal tools, data engineering, and computer vision.

EXPERIENCE

Open Source Developer

May 2024 - Present

- Created Yazelix Nova, integrating terminals, editors, shells, and coding agents in a reproducible Nix workspace
- Build Rust-based terminal components and support the open source community

Full-Stack Developer

Elfotec Technology

Oct 2024 - Present

- Build frontend interfaces and backend services for healthcare applications, including an AI chatbot backend in Java
- Develop medical data pipelines with Python, PostgreSQL, PL/pgSQL, Bash, and Nushell

Artificial Intelligence Intern

Elfotec Technology

Nov 2022 - Oct 2024

- Trained YOLO models on medical images; built datasets with Label Studio and tracked experiments with Weights & Biases
- Developed FastAPI backends and JavaScript/HTML frontends

Full-Stack Developer & Scrum Master

GrupoOrion

Jun 2020 - Jul 2021

- Shipped JavaScript frontends and C#/.NET backends with SQL and Azure DevOps; led requirements and sprint planning

TOOLKIT

Languages	Rust · TypeScript · Python · Nushell · SQL / PL/pgSQL
Frameworks	SolidJS · Svelte · Axum · FastAPI · Ratatui
Databases	PostgreSQL · Turso
Tools	Nix · Linux · Docker · Git · Playwright · Zellij · Yazi

SELECTED PROJECTS

Yazelix Nova

A terminal workspace connecting editors, shells, file management, and coding agents. Built with Rust-based components and Nix.

Starcompass

A Rust CLI for shared coding-agent rules, self-contained AGENTS.md files, and drift checks.

Ratconfig

A Ratatui toolkit for searchable configuration editors and comment-preserving TOML changes.

Anima

Terminal animations in Rust: Boids, fractals, Matrix rain, and Game of Life. A CLI and library.

Kinestra

Rust tooling for repeatable terminal recordings, with isolated displays, process cleanup, and FFmpeg exports.

Unsupervised Vegetation Segmentation

DINOv3 vegetation segmentation: 52% of supervised performance with zero labels. Undergraduate thesis at UnB.

EDUCATION

Computer Engineering

University of Brasília (UnB)

Graduated