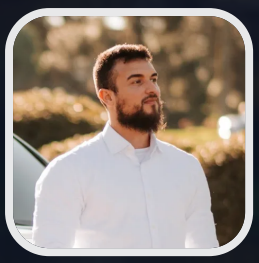
FULL CYCLE ENGINEER

I'M SAMUEL FAJRELDINES



15+ years shipping software end to end: **web and mobile apps, APIs, cloud infrastructure, DevOps and AI**. I pick the right tool for the problem, not the other way around, and I **own the result from first commit to production**. I also build **open-source developer tools** used by thousands of engineers.

JavaScript · TypeScript · Node.js · React · Angular · Vue.js · AI · DevOps · Serverless · AWS · Google Cloud · Azure · PHP · Laravel · CodeIgniter

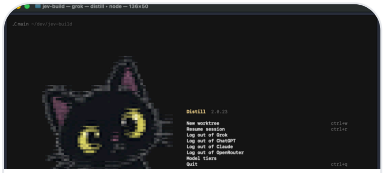
linkedin.com/in/samuelfaj · github.com/samuelfaj · huggingface.co/samuelfaj

15+ yrs	1.2k+ stars	53k+ downloads	AI Specialist
shipping software for global teams	on my open-source tools on GitHub	of my AI models on Hugging Face	LLM products and agent tooling

OPEN SOURCE

Tools I build for developers

Interfaces for AI coding agents, from a terminal UI to a native macOS app and a fast local AI engine.

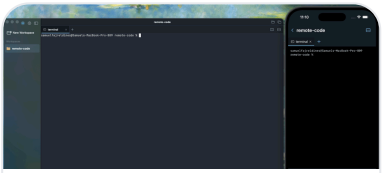


Distill

★ 800+ · Rust

Coding-agent harness and terminal UI that gets far more done with far fewer tokens. Works with Grok, Codex and any OpenAI-compatible model. UltraSave mode cost **93% less** on a 20-task benchmark, with every task passing.

github.com/samuelfaj/distill →



MacCode

★ 400+ · Swift

Native macOS development cockpit: agents, terminals, SSH, browser, files and git in one split-pane workspace. Layouts persist across launches, and the whole workspace can be driven from an iPhone.

github.com/samuelfaj/MacCode →



Lightning MLX

★ 90+ · Python

Fast local AI engine for Apple Silicon, tuned for agentic use. **Over 2× the decode speed** of mlx-lm on Qwen3.6 models.

github.com/samuelfaj/lightning-mlx →

BOOKS

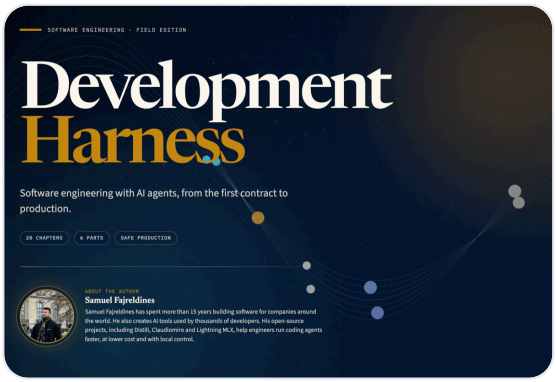
Development Harness

Software engineering with AI agents, from the first contract to production.

A field guide for designing, constraining and verifying AI agents in real software systems, with practical workflows, safety gates and enterprise operations.

20 CHAPTERS · 6 PARTS · PT-BR · EN-US · ES

Read the book →



EXPERIENCE

Where I've shipped

Nov 2023 – Present
New York · remote

SecurityScorecard · Senior Software Engineer

Full-stack engineer at a 400+ person cybersecurity company, split evenly between the UI and the services behind it.

- **Cut the bundle size by 90%**, making the app load 8× faster.
- Build **scalable React/TypeScript codebases** and **lead UI/UX improvements** in usability and accessibility.
- **Removed duplicate requests** across the system, lowering server load and making the UI more responsive.
- **Ship features end to end** with designers and product managers, covered by Playwright and Cypress tests.

React · TypeScript · Redux / React Query · Node.js · AWS · Terraform · Playwright · Cypress

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Dec 2022 – Nov 2023
New York · remote

Mahisoft Inc · Senior Software Engineer

Lead engineer for Top Trader League, turning board-level direction into shipped product.

- Built **responsive, user-friendly React interfaces** on top of backend systems I designed.
- Added **asynchronous messaging**, which **reduced database overload**.
- **Moved the platform to serverless** on Google Cloud for scale at lower cost.

React · Redux / React Query · Node.js · PHP (Laravel) · Google Cloud · AWS · Terraform

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Aug 2021 – Dec 2022
Brazil

Vagalume Mídia · Senior Software Engineer

Full-stack and DevOps work on one of Brazil's largest music sites, at very high traffic.

- **Rebuilt Vagalume Radios in Node.js from scratch**, improving performance and cutting AWS costs.
- Shipped **frontend work in React and Vue.js**; learned **high-scale AWS infrastructure** from a top AWS expert.

React · Vue.js · Node.js · PHP · AWS · Terraform

Sep 2019 – Aug 2021
Brazil

Secretária Virtual · Senior Software Engineer

Led technology across a portfolio of companies, owning development process as well as code.

- **Architected business-critical systems**, infrastructure, monitoring and testing.
- Introduced **cloud computing, continuous integration and Scrum**.

AngularJS · Ionic · Node.js · PHP · Laravel · CodeIgniter

Feb 2019 – Dec 2021
Side project

Anilha · Founder

Designed and built a mobile app for flexible diet and workout tracking, from the UI to the serverless backend.

Ionic · Angular · Node.js · AWS Lambda · DynamoDB · Terraform

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Sep 2017 – Sep 2019
Brazil

E-Trust · Senior Software Engineer

Information-security company serving some of Brazil's largest banks and corporations.

- **Redesigned the Horacius system's frontend** while keeping it compatible with legacy systems; well received by enterprise clients.
- Set **clean-code (OOP) standards** and **continuous integration** with automated migrations and code checks.

PHP · Microsoft SQL Server · Windows Server

WHAT I BRING TO A TEAM

One engineer. The whole product.

Hire me for a feature and you get all of it: the interface users touch, the API behind it, the cloud it runs on and the AI that makes it smarter. I ship it, measure it and keep it fast.

01 · FRONTEND & UI

Interfaces people enjoy using

> Cut SecurityScorecard's bundle by **90%**, making the app load **8× faster**.

React · TypeScript · Redux · React Query · Vue.js · Angular · Ionic · design systems · accessibility

02 · AI

AI that ships, not demos

> Distill: **800+ stars** and **93% lower cost** on a 20-task agent benchmark, every task passing.

LLM products · coding agents · agent harnesses · local inference (MLX)

03 · BACKEND

Backends that hold under traffic

> Rebuilt Vagalume Radios in Node.js for one of **Brazil's largest music sites**, cutting AWS costs.

Node.js · PHP · Laravel · REST APIs · asynchronous messaging

04 · CLOUD & DEVOPS

Infrastructure that costs less

> Moved Top Trader League to **serverless on Google Cloud** for scale at lower cost.

AWS · Google Cloud · Azure · Serverless · Terraform · CI/CD

05 · NATIVE & TERMINAL

Beyond the browser

> MacCode: a **native macOS app** you drive from an iPhone. Distill: a **terminal UI in Rust**.

SwiftUI · AppKit · iOS · Rust TUI

06 · QUALITY

Releases you can trust

> UI covered **end to end** with Playwright and Cypress, gated by CI.

Playwright · Cypress · visual testing · code review

I own outcomes, not tickets.
From the first conversation with design and product to the metric that moved after release.

I prove it with numbers.
Bundle size, load time, cost per request, benchmark scores. If it improved, you will see by how much.

I make the team faster.
I write the standards, the tooling and the docs, including a 20-chapter book on engineering with AI agents.

Computer Science · UniRitter Laureate International Universities
2015–2018, academic honors in Systems Analysis. Remote from Brazil, working with US teams since 2022.

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