

Irving Samuel Lima Bandeira

Multi-language Software Engineer · [Laravel](#) · [React](#) · [Go](#) · [Next.js](#) · [Applied AI](#)

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PROFESSIONAL SUMMARY

Multi-language software engineer with 5+ years of experience building scalable web systems, APIs and integrations. Works with **Laravel, React, Next.js and Go**, MySQL/PostgreSQL, Redis and Docker, and ships **AI/LLM** features to production (including MCP for agents and IDEs). Experienced in project management, Scrum facilitation and business-oriented delivery. Creator of **Chronos** (chronos.com.pt), **OpenMeet** and **Rezumme**.

PROFESSIONAL EXPERIENCE

Project Manager, Scrum Master & Full-Stack Developer — Next Opinion

Mar 2024 — Present · Maceió, Brazil · hybrid · full-time

- Full-stack development of integrated systems for educational and financial institutions in an agile team.
- Development of StepOne (white-label, multi-tenant corporate university) and NextTalks (AI transcription and summaries of WhatsApp voice messages).
- Scrum Master for the projects, facilitating ceremonies and continuous delivery; consultant on external projects and product integrations.
- Owner of the company's Artificial Intelligence integrations (LLM workflows and automation).
- Stack: Laravel, React, Next.js, Go, MySQL/PostgreSQL, Redis, Docker, Scrum.

Web Development Project Manager — XTM Digital

Mar 2021 — Feb 2024 · Maceió, Brazil · hybrid · full-time

- Led the development team behind the company's main projects and websites as a hands-on, present leader.
- Managed development projects in a global localization context, delivering with agile methodologies.
- Built an internal CRM and a trading system integrated with the IQ Option ecosystem; REST APIs, integrations and data modeling.
- PHP, Laravel, Python, PostgreSQL, AJAX, Docker.

IT Manager — Colégio Adventista (Adventist School)

Sep 2020 — Feb 2021 · Maceió, Brazil · on-site · full-time

- Responsible for the network and integrated systems of the Adventist school network to launch hybrid learning in Alagoas.
- Managed the institution's IT: infrastructure, systems and support.

Data Analyst — Outlier AI

2020 · Remote · freelance

- Data curation and annotation for AI model training; dataset quality control.

Laboratory Technician (internship) — IFAL — Federal Institute of Alagoas

Sep 2019 — Aug 2020 · Maceió, Brazil · on-site

- Technical support for the Information Technology department of the Maceió campus and maintenance of internal systems.

Teaching Assistant — Brazilian Olympiad in Informatics (OBI) — IFAL — Federal Institute of Alagoas

Mar 2017 — Nov 2019 · Maceió, Brazil · volunteer

- Taught introductory programming to first-year students (Python, C, C++ and JavaScript) and prepared them for the OBI.

EDUCATION

B.Sc. in Computer Science

UNIMA — Centro Universitário de Maceió (Afya Group) · 2023 — 2026

Final thesis stage, with research in AI applied to healthcare.

B.Sc. in Computer Science

UFAL — Federal University of Alagoas · 2020 — 2022

Transferred to UNIMA.

IT Technician

IFAL — Federal Institute of Alagoas · Completed

Technical degree focused on programming and networking.

TECHNICAL SKILLS

Backend	PHP 8, Laravel, Livewire, Go, Node.js, Python, FastAPI, REST APIs, WebSockets
Frontend	JavaScript, TypeScript, React, Next.js, Inertia, Angular, Tailwind CSS, Blade, Alpine.js
Data & cache	MySQL, PostgreSQL, Redis, Eloquent, Prisma
DevOps	Docker, Linux, Nginx, Git/GitHub, CI/CD, Vite
Other	AI/LLMs, MCP, PWA, Firebase FCM, LiveKit/WebRTC, system design, Scrum/Agile, testing (TDD)

FEATURED PROJECTS

Chronos — chronos.com.pt

Production PWA: dashboard that unifies 20+ platforms with collaborative boards, AI (Gemini), automations, MCP (~60 tools), native CLI and push notifications. Laravel, Livewire, Redis, FCM.

OpenMeet — openmeet.chronos.com.pt

Open-source white-label video conferencing: self-hosted LiveKit (WebRTC), recording, live captions and an AI copilot that produces summaries and Chronos tasks. Next.js, Postgres, Python (LiveKit Agents).

StepOne (Next Opinion) — stepone.com.br

White-label, multi-tenant corporate university: gamified learning paths, certificates, native video conferencing, progress dashboards and a central operations panel. Laravel, React, Vite.

NextTalks (Next Opinion) — nexttalks.app

SaaS for AI transcription, summaries and insights from WhatsApp voice messages, with tenant isolation and Chronos integration. Next.js, AssemblyAI, Google Gemini.

Vitalis (Akoma Ntoso Group) — vitalis.net

Clinic management SaaS: online scheduling, electronic health records, waiting room, PDF documents and automated WhatsApp appointment confirmations. Next.js.

Rezumme (founder) — rezum.me

AI study platform: students upload a lecture (audio, video or YouTube link) and get a searchable transcript, topic summary, quizzes and action items; classroom for teachers. Laravel, Inertia, React.

LANGUAGES

Portuguese: native · **English:** fluent

PUBLICATIONS

- Artificial intelligence and university outreach in screening for metabolic syndrome in a quilombola community in Alagoas: an experience report — Proceedings of the 6th Afya Global Meeting, Sep 2026 (in Portuguese).
- Artificial intelligence applied to cardiovascular risk prediction — Proceedings of the 3rd CONIMA (Afya International Medical Congress), May 2025 (in Portuguese).

AWARDS

- Best Paper — SEMPEX 2024 and 2025, UNIMA | Afya (2024: Undergraduate Research, Exact Sciences, with "Development of artificial intelligence in health education")

- GitHub achievements: Arctic Code Vault Contributor, Pull Shark (x2), Pair Extraordinaire and Public Sponsor · GitHub Pro