

SUMMARY — AI-Augmented Full-Stack Product Engineer & Tool Builder

Ex-Googler and ITA¹ engineer with 15+ years of experience. I bridge the gap between complex system design, **polished UI/UX**, and high-velocity product shipping through an "**Engineer in the Loop**" workflow. By orchestrating AI agents and LLMs as a force multiplier, I deliver Google-standard code quality at the speed of an agile solo founder. Specialist in building **user-centric** developer tools, micro-SaaS, and AI-native applications that prioritize user psychology, **visual polish**, and architectural longevity.

- **Engineering:** System Design & Architecture, Data Pipelines, AI Agent Orchestration, Job Queues.
- **Product & Design: Design Engineering (UI/UX Polish),** User Psychology, Chrome/VS Code Extensions, Landing Page Optimization.
- **Technologies:** TypeScript, Node.js, React, Next.js, Tailwind CSS, shadcn/ui, PostgreSQL, Supabase, Vercel.

PROFESSIONAL EXPERIENCE

FUTURIN

Founder & Lead Engineer

Remote
2022 — Present

Founded a software lab to build and deploy micro-SaaS products.

- **High-Velocity Engineering:** Orchestrated a team of AI agents to accelerate full-stack development cycles, delivering multiple micro-SaaS products from architectural design to deployment in record time using Next.js, TypeScript, and Supabase.
- **Product Engineering:** Handled the entire lifecycle of products like YourLinX (Chrome Extension) from architectural design to landing page development and deployment.
- **Adapta AI Challenge:** Placed **Top 3 out of 2,000+ applicants** in Brazil's largest AI Hackathon. Built and presented a functional OOH analytics tool in under 24 hours to an audience of 7,000 people.

VENDER BEM ONLINE

Founder & Digital Marketer

Remote
2020 — Present

Digital marketing agency focused on paid media and product launches (PLF).

- **Campaign Execution:** Executed strategy and copy for product launches.
- **User Psychology:** Developed deep understanding of user acquisition and sales copy, a crucial skill for building user-facing products, including developer tools.

HUBLA

Software Engineer

Remote
May 2022 — May 2023

- **System Design:** Structured the engineering team's design process, introducing mandatory RFCs which drastically improved codebase quality and consistency.
- **Core Features:** Implemented the frontend for the order bump, upsell and mobile checkout features.
- **Observability:** Designed and implemented the logging infrastructure using **OpenTelemetry** specs.

¹ Widely regarded as Brazil's most prestigious and rigorous engineering institute (Top 1%).

- **Chromium:** Worked on the C++ codebase with strict 6-week release cycles. Refactored legacy components to decouple architecture and improve maintainability.
- **Data Pipelines:** Designed and built globally scalable data processing pipelines using Java/Flume.
- **Cross-Functional Leadership:** Acted as a bridge between PMs, designers, and engineering to ensure technical feasibility of product features.

SELECTED ENGINEERING & AI PROJECTS

VS Code Improved (Open Source)

- Built a **VS Code extension** to bundle developer quality-of-life improvements.
- Gained practical experience with the **VS Code Extensions API**.

Concept Compass (AI Tool)

- Developed an infinite mind-map generator using **OpenAI API**.
- Solved challenges in structuring LLM outputs to create consistent, interactive UI nodes in **React Flow**.

GhostKeys (Rust + AI)

- Engineered a low-level keyboard remapper in Rust, utilizing a "Spec-driven" workflow where agents generated implementation details while I maintained architectural oversight.

Viralei (Hackathon Project)

- Built a platform that turns legislative bills into short, engaging videos using AI.
- Deployed in 4 days using **Next.js** and public data APIs.

SKILLS

- **Languages:** TypeScript, JavaScript, Python, C++, Java, Rust (AI-Assisted).
- **Stack:** React, Next.js, Node.js, Tailwind CSS, PostgreSQL, Supabase, Firebase.
- **Tools:** VS Code Extensions API, Chrome Extensions API, Docker, GitHub Actions.
- **AI Tools:** Roo Code, GitHub Copilot, GitHub Spark, Claude Code (CLI/Web), Gemini CLI, Jules, Anthropic API, OpenRouter.

EDUCATION

ITA (Instituto Tecnológico de Aeronáutica)

B.S. Computer Engineering

São José dos Campos, Brazil

Jan 2010 — Dec 2015

Widely regarded as one of Brazil's top, if not the best, engineering institutes, known for its extremely rigorous entry, high academic standards. Exchange year at **University of Twente** and **TU/e (Netherlands)**.