Henrique Sadao Sugi

Software developer in training

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Summary

Systems Analysis and Development student (PUCPR), building APIs, learning to ship real systems, and documenting every step of the process — from first commit to cloud deploy.

Open to software development internships, in Curitiba or remote.

Projects

custompc TypeScript, Next.js, PostgreSQL, Prisma, Vitest, Playwright, Vercel

- Built custompc, a PC builder for the Brazilian market with prices in reais and links to local stores, using Next.js, TypeScript and PostgreSQL/Prisma, deployed on Vercel + Neon.
- Implemented 20 compatibility rules (socket, memory, case clearances, PSU...) in a pure TypeScript domain shared by server and browser and covered by 400+ unit tests.
- Set up GitHub Actions CI with E2E tests (Playwright, desktop and mobile), accessibility checks (axe) and an isolated database for every preview deployment.

custompc-builder.vercel.app | github.com/sugixp/custompc

currency-converter Python, FastAPI, JavaScript, Chart.js, Redis, Pytest, GitHub Actions

- Evolved a terminal script into a web app: a FastAPI API with ~170 currencies and a 30-day history, exact math with Decimal and BigInt, Redis caching and Render deploys gated on passing tests.

sugixp.github.io/currency-converter | github.com/sugixp/currency-converter

task-manager Python, Flask, Jinja, SQLite, HTML, CSS, JavaScript, Pytest, Playwright, GitHub Actions

- Evolved a terminal CRUD into a Flask web app and a CLI sharing one logic layer, with SQLite, pytest, Playwright and CI.

sugixp.github.io/task-manager | github.com/sugixp/task-manager

Education

Associate degree in Systems Analysis and Development 2025 – expected Dec 2027

PUCPR, Curitiba

Experience

Machine Operator 2023–2025

Mitsubishi Motors Corporation — Okazaki, Japan. Vehicle electrical assembly and quality/safety reporting.

Logistics Assistant 2016–2021

Advics (Toyota Group) — Handa, Japan. Parts receiving control and production line supply.

Skills

- **Languages:** Python, SQL, HTML, CSS, JavaScript, TypeScript
- **Frameworks & Tools:** FastAPI, SQLAlchemy, Pytest, Next.js, PostgreSQL / Prisma, Playwright, Git / GitHub
- **Cloud & Infra:** Docker, Linux
- **Currently learning:** AI agent-assisted development

Certifications

- Google IT Support Professional Certificate — Google · Coursera · 2025
- IBM Data Science Professional Certificate — IBM · Coursera · 2025
- Duolingo English Test — C1 (135 pts) — English proficiency

Languages

PT native · EN C1 · JP advanced