

VICTOR HUGO SANCHES

Junior Front-end / Full Stack Developer

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Professional Summary

Data Science undergraduate and early-career software developer with hands-on experience building web applications, business systems, and a SaaS platform. Through personal projects and an internal business solution, I have participated in requirements gathering, data modeling, software development, security, testing, integrations, infrastructure, and deployment. Experienced with React, Next.js, TypeScript, Node.js, REST APIs, PostgreSQL, SQLite, and Supabase. I have also implemented authentication and authorization, CI/CD, containerization, observability, backup strategies, and cloud deployment. Seeking my first professional opportunity as a Junior Front-end or Full Stack Developer, focused on continuous learning and delivering reliable software solutions.

Technical Skills

Languages: TypeScript, JavaScript (ES6+), SQL, HTML5, CSS3.

Front-end: React 19, Next.js 16, App Router, Server Actions, React Router, Tailwind CSS 4, Vite, Hooks, Responsive Design, Mobile First.

Back-end: Node.js 22, Express.js, REST APIs, API Routes, Zod, layered architecture, Service Pattern, Repository Pattern, webhooks, centralized error handling.

Databases: PostgreSQL, SQLite, Supabase, relational modeling, migrations, indexing, backup & recovery.

Security: JWT, RBAC, RLS, HMAC-SHA256, scrypt, Helmet, CORS, CSP, rate limiting, OTP, audit logs, LGPD best practices.

DevOps & Cloud: Docker, Docker Compose, Nginx, GitHub Actions, CI/CD, Linux, Oracle Cloud, Vercel.

Quality: Playwright, node:test, unit/integration/E2E testing, ESLint, Prettier, npm audit, structured logging, monitoring and metrics.

Highlighted Projects

E-Clinic – SaaS Platform for Dental Clinics

Built a multi-tenant SaaS platform for scheduling, patient records, budgeting, finance, inventory, reporting, and user management. Implemented Supabase Auth, RBAC, RLS, OTP, HMAC-SHA256, encryption, Stripe subscriptions/webhooks, Twilio SMS/OTP, PDFKit, Playwright, feature flags, and Vercel deployment.

Mosquiteira.com – Internal Business Management System

Developed an internal management system covering customers, quotations, scheduling, inventory, production, logistics, finance, and documents. Built REST APIs

with Express, JWT authentication, Docker, GitHub Actions CI/CD, Oracle Cloud deployment, structured logging, metrics, monitoring, and automated backups.

Professional Experience

Mosquiteira.com – Operations Manager (Sep 2020 – Present)

Manage day-to-day business operations while leading the development of an internal web platform that digitized and automated company processes, from requirements gathering through deployment and continuous improvements.

Solução Ferragens – Sales Associate (Jan 2017 – Sep 2020)

Customer service, sales, inventory management, and operational support.

Data Project

Tax Incentives in Santos – Analytical Dashboard

Python, Pandas, Jupyter Notebook, Chart.js. Processed and analyzed public datasets, creating executive dashboards with insights into tax incentive distribution.

Education

Bachelor's Degree in Data Science

Santa Cecília University (UNISANTA)

Jan 2025 – Expected Graduation: Dec 2026

Certifications

- Learn JavaScript: Fundamentals – Codecademy (completed entirely in English)
- Python Journey – Hashtag Treinamentos
- Dev Immersion with Google Gemini – Alura + Google Gemini

Languages

Portuguese: Native

English: Technical reading, documentation, and technical course comprehension.