

Simon Rodrigues Laborde

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PROFESSIONAL SUMMARY

Backend and full-stack software engineer with a growing focus on AI/LLM engineering — agent design, the Model Context Protocol (MCP), and Claude/Anthropic APIs — built on a foundation in enterprise backend systems and full-stack web development. Based in Brazil and pursuing master's programs in Europe (MoSIG Grenoble, Sorbonne, PSL, TUM, RWTH Aachen); open to relocation for full-time, contract, or freelance work.

TECHNICAL SKILLS

Languages: Python, Java, JavaScript/TypeScript, C, C#, PL/SQL, Shell

AI / LLM: LLM integration & prompt systems, Model Context Protocol (MCP), agent & subagent design, Claude / Anthropic APIs, Machine Learning, NLP, scikit-learn, pandas, NumPy

Web & Mobile: Next.js, React, React Native, Vue.js, Node.js, Flask, Expo, HTML/CSS, Bootstrap

Backend & Data: REST APIs, PostgreSQL, Oracle Database, Oracle BRM, Oracle BI Publisher

DevOps & Cloud: Docker, Kubernetes, CI/CD (GitHub Actions), AWS EC2, Vercel

Tools: Git, JIRA, Figma, Sanity CMS

Methodologies: Agile / Scrum

LANGUAGES

Portuguese — Native

French — Advanced, C1

English — Fluent, C2 (EF SET 77/100)

Spanish — Intermediate, B1

PROFESSIONAL EXPERIENCE

Software Engineer — Accenture

Jun 2022 – Jun 2023

Campina Grande, Brazil

- Developed and maintained large-scale financial systems using Oracle BRM, Shell scripting, and C
- Optimized backend batch processes, improving performance and reliability
- Automated financial reporting through Oracle BI Publisher to support decision-making
- Delivered features on schedule inside an Agile/Scrum team using JIRA

Freelance / Independent Software Developer

2024 – present

Remote

- LABNOV** (UFCEG materials-research lab) — designed and built the bilingual (PT/EN) site from scratch: a Next.js frontend, a Sanity CMS content model for non-technical staff, and an automated publication-sync pipeline off Brazil's Plataforma Lattes, including a manual-assisted workaround for reCAPTCHA where full automation wasn't possible
- NutriQuest** — cross-platform mobile app (React Native / Expo) that gamifies nutrition tracking with quests, streaks, and a leaderboard, fully localized for Brazilian users
- UI/UX prototyping in Figma through backend implementation in Python and Java for earlier client web and mobile projects

SELECTED PROJECTS

AI Portfolio Assistant — simonlaborde.com

- Live, streaming chat console on my portfolio, grounded in structured site content via the Claude API (Haiku)
- Next.js API route on Vercel with rate limiting and graceful degradation on hosts without a server
- Try it directly at simonlaborde.com

MedHelp — AI Clinical Decision Support

- Python NLP tool built for Brazil's public health record system (PEC): normalizes clinical notes, adapts explanations by audience, and recommends preventive exams from patient history
- 92% accuracy on terminology normalization, 100% recall on the target exam-recommendation set
- Grew out of undergraduate thesis, "Applications of Generative AI in Clinical Decision Support," defended with distinction

EDUCATION

Bachelor's Degree in Information Systems — UNIFACISA

Campina Grande, Brazil

2020 – 2025

CERTIFICATIONS

Anthropic — AI Fluency: Framework & Foundations (Mar 2026)

Anthropic — Building with the Claude API (Jul 2026)

Anthropic — Introduction to Model Context Protocol (Aug 2026)

Anthropic — Model Context Protocol: Advanced Topics (Aug 2026)

Anthropic — Claude Code in Action (Mar 2026)

AI-900: Microsoft Azure AI Fundamentals — Microsoft

Scrum Fundamentals Certified (SFC)

Accenture Academy — Oracle BRM

EF SET English Certificate (C2, 77/100)