



Christian Saturnino Andrade Oliveira

Software Engineer

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📍 Marília, SP

SKILLS

Node.js / NestJS
TypeScript / Python
Express / PHP (Laravel)
LangGraph / LangChain
OpenAI API / LLM Agents
Prompt Engineering / Redis
PostgreSQL / MySQL
SQL Server / Docker
RabbitMQ / GCP
CI/CD / Git
REST / GraphQL
SOLID / Microservices
Distributed Architecture

CERTIFICATIONS

Building Ambient Agents
with LangGraph - LangChain
Academy (2025)

Perform Foundational Data,
ML and AI Tasks - Google
Cloud (2023)

Create and Manage Cloud
Resources - Google Cloud
(2023)

Foundational Infrastructure
Tasks - Google Cloud (2023)

Build and Secure Networks in
Google Cloud - Google Cloud
(2023)

LANGUAGES

Spanish (Intermediate)

English (Intermediate)

PROFILE

Software Engineer with solid experience developing scalable microservices and high-performance systems. Specialized in distributed architecture, Node.js, and LLM agent integration with LangGraph and OpenAI. Focused on API optimization and solutions that drive business results.

PROFESSIONAL EXPERIENCE

Mid-Level Full Stack Developer

Pedbot / December 2025 - Present

- Development and maintenance of Node.js/NestJS microservices used daily by major pharmaceutical retail chains.
- Optimization of critical production APIs: log analysis, query profiling, and latency reduction.
- Code reviews, architecture discussions, and direct collaboration with the product team.

• Main project: MarIA Sales Agent

- MarIA is the largest AI-powered sales automation agent for pharmaceutical retail in Brazil, actively used by some of the largest chains in the industry. I participated throughout the entire journey:
- Agent architecture: flow orchestration with LangGraph, definition of internal tools, and integration with GPT models.
- Backend: APIs and NestJS microservices supporting the agent at scale, with messaging via RabbitMQ.
- Continuous evolution: analysis of real conversations to identify friction points, prompt optimization, and improvement of the conversational flow.
- **Result:** production solution that automates sales, reduces the need for human support, and increases conversion for major pharmaceutical players.

Junior Full Stack Developer

Pedbot / August 2024 - December 2025

- Development of RESTful APIs with NestJS and Laravel for high-volume internal systems.
- Creation of modules and integrations between services in an active production environment.

Software Development Intern

Pedbot / February 2024 - August 2024

- Implementation of features in Express.js and React.js.
- Bug fixes, external API integrations, and participation in agile ceremonies.

EDUCATION

Technology Degree in Systems Analysis and Development

Unimar - University of Marília / 2025