

## Guilherme Janku Achcar

### Contact

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### About Me

AI Engineer and Software Developer with nearly 20 years of experience, the last 12 focused on software engineering and applied AI. Passionate about agentic workflows, RAG systems, and scalable automation. Strong expertise in Python, LangChain, multi-agent systems, API integrations, and vector databases. I thrive on solving complex problems and building impactful solutions with a hands-on, delivery-focused mindset.

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### Professional Experience

#### AI Engineer | PRECPAGO

Remote | Jan 2025 – Present

Stack: Python, LangChain, RAG, FastAPI, Postgres, Weaviate, Qdrant

- Develop AI agents for legal process automation, leveraging RAG with sparse and dense vectors and reranking for high accuracy.
- Automate document extraction and classification from large legal PDFs using Docling, LlamaIndex, and ModernBERT.
- Build APIs and services with FastAPI for scalable integration.
- Architect vector databases with Weaviate and Qdrant integrated into ingestion and response pipelines.

#### Tech Lead | Cobre Fácil

Remote | Jan 2020 – Dec 2024

Stack: PHP (Slim, Yii2), Docker, Kubernetes, MySQL, AWS, RabbitMQ, Redis

- Led technical direction for a national fintech with 5,000+ active users.
- Modernized payment and recurring billing infrastructure.
- Reduced costs and increased revenue post-acquisition.
- Ensured knowledge transfer and technical stability during transition.

#### Founder & CTO | F2 Data

Remote | Aug 2018 – Jan 2020

Stack: PHP (Laravel), React, React Native, Ionic, Docker, Azure, Digital Ocean

- Delivered custom projects for large enterprises.
- Developed a corporate React Native app for 3,000+ users in 3 months.
- Created a corporate university platform for 2,000+ employees.

### **Startup Lead & Software Engineer | GHubee (GubolinCo)**

Remote | Sep 2017 – Jun 2018

Stack: PHP (Laravel), React, RabbitMQ, WSO2

- Built a scalable backend for API monetization, integrating with 500+ startups.
- Managed event monitoring and billing systems.

### **Infrastructure Engineer | Proxy IBM**

Ribeirão Preto, Brazil | Aug 2008 – Jun 2016

Stack: SQL, Payment Systems, ATMs, Windows Server

- Managed projects for clients like Bradesco, Banco do Brasil, Nestlé, Louis Dreyfus, and International Paper.
- Led document management system deployment in 100+ Banco do Brasil branches.
- Supported banking automation and payment systems.

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## **Highlighted Projects**

### **Legal RAG Agent (PRECPAGO)**

- AI for document reading and validation in legal processes. - Pipelines with LangChain, Weaviate, and Qdrant. - Used sparse and dense vectors with reranking and large PDF parsing with Docling.

### **WhatsApp AI CRM**

- Full customer support system with React Kanban and Node.js backend. - Integrated with WhatsApp API via Baileys for automated campaigns. - Data enrichment using BullMQ and Airbyte with relational and vector databases.

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## **Technical Skills**

Programming: Python (LangChain, RAG, FastAPI), PHP (Laravel, Slim, Yii2), Node.js, JavaScript, React, React Native

AI & Automation: LangChain, RAG, Dify, CrewAI, OpenAI, n8n, Langflow

APIs: RESTful APIs, scraping, WhatsApp integrations

Databases: PostgreSQL, MySQL, Oracle, Weaviate, Pinecone, Qdrant

Infrastructure: Docker, Kubernetes, CI/CD, AWS, Azure, Digital Ocean

Tools: Git, GitHub, GitLab, Airbyte, Claude Code Max, Cursor (used to accelerate and support existing deep knowledge)

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## **Languages**

Portuguese: Native

English: Intermediate (actively improving)

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## **Additional Information**

Strong business and product mindset, remote-first approach, autonomous, focused on continuous delivery and innovation.