

# Luis Otavio

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Brazilian & Italian Citizen (EU) | Languages: Portuguese (native), English (C2), Spanish (A2), German (A1)

## Work Experience

### Akdo.ai

Germany

July 2025 – Present

FULL-STACK DEVELOPER

- Built AI-powered enterprise training platform with automated course creation and content generation.
- Implemented multi-organization authentication system with Better Auth for secure tenant isolation.
- Integrated Cloudflare Stream and Images to optimize media delivery and reduce infrastructure costs.
- Established system-wide logging infrastructure for error tracking and debugging.

### Wave Leads

Italy

November 2024 – July 2025

FULL-STACK DEVELOPER

- Led IT infrastructure and developed full-stack web platform with React, Next.js, and Tailwind CSS.
- Built custom CRM with Next.js and Supabase to replace Zapier automations and streamline operations.
- Created company-wide chatbot to improve internal communication.

### Awana Digital

USA

April 2024 – November 2024

AI ENGINEER

- Architected and deployed AI chatbot agents using LangChain, Smolagents, and Mem0 for Earth Defenders project.
- Led Amazon Challenge implementation with Terra Krya, securing 3rd place and R\$ 100,000 in funding.

### Freelancer

Brazil, Israel

September 2023 – March 2024

FULL-STACK DEVELOPER

- Built WhatsApp Business API webhook for AI chatbot with digital art generation capabilities.
- Created inventory management and advertisement automation system.
- Developed advisory chatbot for Israeli startup to guide users in adverse situations.

## Projects

### WhatsApp Chatbot Assistant

TypeScript, Node.js, LangChain,  
Docker, Prisma

github.com/WAppAI/assistant

OPEN-SOURCE WHATSAPP CHATBOT LEVERAGING LLMs FOR CONTEXT-AWARE INFORMATION

### LangChain.js Contribution

TypeScript, Open Source  
github.com/langchain-ai/langchainjs/pull/5329

CONTRIBUTED GOOGLE ROUTES TOOL TO LANGCHAIN.JS FRAMEWORK

## Skills

**Languages:** TypeScript, JavaScript, Python, C/C++

**Frontend:** React, React Native, Next.js, Tailwind CSS

**Backend:** Node.js, Express, RESTful APIs, Better Auth, NextAuth

**AI & ML:** LLMs, LangChain, CrewAI, Smolagents, Mem0, Prompt Engineering

**Databases:** MongoDB, PostgreSQL, Prisma, Drizzle, Firebase, Supabase

**DevOps:** Git, Docker, AWS, CI/CD, Linux, Cloudflare Stream/Images

## Education

### Sorocaba University of Engineering

Sorocaba, Brazil

2019 – 2023

BS IN COMPUTER ENGINEERING

### Pontifical Catholic University of Paraná

Lonrina, Brazil

2024 – Present

BACHELOR OF SCIENCE IN SYSTEM DEVELOPMENT