

Luis Otavio

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luisotee.com | github.com/Luisotee | linkedin.com/in/luisotee

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

Experience

Full-stack Developer, Akdo.ai – Germany

July 2025 – January 2026

- Architected AI-powered enterprise training platform with Next.js, integrating automated course creation with LLM-driven content generation.
- Owned end-to-end implementation of multi-organization authentication system with Better Auth for secure tenant isolation.
- Designed and shipped peer review system enabling training creators to receive structured feedback and ratings.
- Implemented multi-ISO compliance using Kertos across codebase and repository configurations.

Full-stack Developer & Automation Lead, Underdogs – Italy

November 2024 – July 2025

- Led IT infrastructure and built full-stack web platform with Next.js, React, and Tailwind CSS.
- Automated 20+ business workflows using Zapier, n8n, and Make, saving 40+ hours/week of manual work across teams.
- Designed and shipped custom CRM from scratch, eliminating dependency on third-party automation tools.
- Built AI-powered company chatbot handling 100+ daily queries, achieving company-wide adoption for internal knowledge sharing.

AI Engineer, Awana Digital – USA

April 2024 – November 2024

- Engineered autonomous AI agents using LangChain, Smolagents, and Mem0, enabling conversational interfaces for environmental data access.
- Led Amazon Challenge implementation with Terra Krya, securing 3rd place and R\$ 100,000 in funding.

Full-stack Developer, Freelancer – Brazil, Israel

September 2023 – March 2024

- Built WhatsApp Business API webhook for AI chatbot with digital art generation capabilities.
- Designed and shipped inventory management and advertisement automation system.
- Sole developer for Israeli startup's emergency advisory chatbot, delivering MVP solution with real-time crisis guidance capabilities.

Projects

WhatsApp Chatbot Assistant

github.com/WAppAI/assistant

- Open-source WhatsApp chatbot leveraging LLMs for context-aware information (125+ GitHub stars).
- Built with TypeScript, Node.js, LangChain, Docker, and Prisma.

AI Personal Assistant

github.com/Luisotee/ai-personal-assistant

- Production WhatsApp AI agent with RAG-powered knowledge base and citation generation, multi-language speech processing (STT/TTS), automated expense tracking, and full-stack finance dashboard with transaction analytics.
- Built with Python/FastAPI/Pydantic AI, TypeScript/Next.js/shadcn UI, PostgreSQL/pgvector, Redis Streams, and Docker.

LangChain.js Contribution

github.com/langchain-ai/langchainjs/pull/5329

- Contributed Google Routes Tool to LangChain.js framework (TypeScript, Open Source).

Skills

AI & ML: LLMs, LangChain, Pydantic AI, CrewAI, Smolagents, Mem0, RAG, AI Agents, Prompt Engineering

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

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

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

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

DevOps: Git, Docker, AWS, CI/CD, Linux

Education

Sorocaba University of Engineering – BS in Computer Engineering, Sorocaba, Brazil

2019 – 2023

Pontifical Catholic University of Paraná – BS in System Development, Londrina, Brazil

2024 – Present