

# Luis Otavio

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[luisotee.com](https://luisotee.com) | [github.com/Luisotee](https://github.com/Luisotee) | [linkedin.com/in/luisotee](https://linkedin.com/in/luisotee)

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

## Skills

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

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

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

## Experience

### Full-stack Developer, Akdo.ai – Germany

July 2025 – January 2026

- Architected AI-powered enterprise training platform from scratch, 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, Underdogs – Italy

November 2024 – July 2025

- Led IT infrastructure and developed full-stack web platform with React, Next.js, and Tailwind CSS.
- Designed and shipped custom CRM from scratch, eliminating dependency on third-party automation tools.
- Built and deployed company-wide chatbot, becoming the primary tool for internal knowledge sharing.

### AI Engineer, Awana Digital – USA

April 2024 – November 2024

- Built and shipped 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.

### 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 production-ready solution for users in crisis situations.

## Projects

### WhatsApp Chatbot Assistant

[github.com/WAppAI/assistant](https://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](https://github.com/Luisotee/ai-personal-assistant)

- AI agent for WhatsApp with RAG knowledge base and automated expense tracking.
- Built with Python, FastAPI, TypeScript, Next.js, and PostgreSQL/pgvector.

### LangChain.js Contribution

[github.com/langchain-ai/langchainjs/pull/5329](https://github.com/langchain-ai/langchainjs/pull/5329)

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

## 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