

Leonardo Silva Lima

Software & AI Engineer

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Languages: English: Advanced · Spanish: Basic

Software and AI Engineer with 3+ years of experience in backend engineering, system architecture, and AI solutions for enterprise and regulated environments. I work with LLMs, RAG, multi-agent systems, and Text-to-SQL, primarily using Python and Azure.

TECHNICAL SKILLS

AI Engineering: LLMs, RAG, multi-agent systems, Text-to-SQL, MCP, Azure AI Foundry, LangChain, LlamaIndex, Agno

Cloud & Data: Microsoft Azure, Google Cloud Platform, Docker, PostgreSQL, SQL, Redis, MongoDB

Backend: Python, FastAPI, Pydantic, SQLAlchemy, Node.js, TypeScript, JavaScript, REST APIs, GraphQL

Engineering: Microservices, distributed systems, Git, pytest, Jest, Linux

EXPERIENCE

Avanade Dec 2025 - Present
Senior Software Engineer

- Building Kira, an AI solution that supports strategic decisions at a large insurer through a multi-agent architecture, RAG, structured and unstructured data, and Text-to-SQL agents.
- Built an MCP Server to provide controlled access to tools and data.
- Evaluated the solution with Azure AI Foundry metrics including groundedness, fluency, similarity, and coherence. Kira won Avanade's FY26 Q3 Hall of Fame - Global Solutioning and Delivery.
- Currently contributing to the migration of dozens of microservices and libraries across Azure tenants, adapting architecture, governance, and authentication with Harness Engineering, Agent Skills, and AI-assisted development.

NuvTech Apr 2025 - Dec 2025
Mid-Level Software Engineer

- Worked on the architecture and development of Counter, an AI-powered healthcare fraud detection system that identifies irregularities and inconsistencies across large data volumes.
- Led Vertical AI solutions for lead generation, SDR automation, travel, and other business areas using multi-agent systems, LLM pipelines, and cloud services.

Blue Oct 2024 - Apr 2025
Mid-Level Software Engineer

- Helped design and build Heart, an internal AI system that unified corporate data and enabled natural-language queries over structured and unstructured sources using RAG and Text-to-SQL, while generating insights for business teams.

Alest Consultoria Aug 2024 - Sep 2024
Mid-Level Software Engineer

- Built API integrations between CRMs and DocuSign and event-driven solutions with Pub/Sub on Google Cloud. Also contributed to internal products.

Alest Consultoria Nov 2023 - Aug 2024
Junior Software Engineer

Alest Consultoria Apr 2023 - Nov 2023
Software Engineer Intern

EDUCATION

B.Sc. in Computer Science · Universidade Paulista (UNIP) · Mar 2022 - Dec 2025

CERTIFICATIONS

[Microsoft Certified: Azure Fundamentals \(AZ-900\)](#) · Aug 2026

[Microsoft Certified: Azure AI Fundamentals \(AI-900\)](#) · Jan 2026

Cambridge English: B2 First (FCE) · Aug 2025