

Luis Magalhaes

Systems Integration & Process Automation · Project Management

Bachelor of Science (BSc) in Computer Science

[Microsoft Certified: Azure AI Apps and Agents Developer Associate](#)

Phone: [+43 676 607 1753](tel:+436766071753) | Email: luisanselmoam@gmail.com | Portfolio: luism.pro

LinkedIn: linkedin.com/in/luisanselmoam | Certifications: credly.com/users/luismagalhaes

Location: Landeck, Austria · Open to relocation · Nationality: German and Brazilian



Profile

Computer scientist (**Bachelor of Science (BSc) in Computer Science**, completed 2026) with a business background and the **Microsoft Certified: Azure AI Apps and Agents Developer Associate** certification. I connect business and IT: I analyse processes, integrate systems through APIs and interfaces, automate with n8n and Python, and lead projects from requirement to working system. A career of nearly 20 years in consulting, project management and leadership in five countries, including project leadership with international clients, developers and partners, means I understand the workflows as well as the technology behind them. Focus: integration and process automation with AI, built with **privacy by design** (GDPR, EU AI Act, protection of personal data). **Target roles:** Integration Service Manager · Integration & Automation Engineer · Process Automation · IT Project Manager (business / IT interface) · Process Automation Consultant

Technical Skills

Integration & Automation: n8n workflow automation, process automation, system integration via REST APIs and interfaces, SAP scripting (automated batch processing), Celonis process mining, agentic orchestration

Project & Process Management: project management / PMO, Agile, process analysis and design, stakeholder management, steering external partners, Jira (ticketing system), SharePoint (user level)

Programming & Development: Python, FastAPI, REST APIs, SQL, pandas, Plotly, Streamlit, JavaScript / TypeScript, React / Next.js (working knowledge), Microsoft Presidio (PII detection), scripting

Cloud, AI & LLM: Microsoft Azure (certification; Microsoft Foundry, Azure OpenAI), Claude, AI agents, RAG (retrieval-augmented generation), Model Context Protocol (MCP) servers, LLM function / tool calling, LangGraph, LiteLLM, Google Gemini, local LLMs (Ollama, LM Studio), prompt engineering, guardrails, human-in-the-loop (HITL), Langfuse observability

Data & Storage: PostgreSQL, pgvector (vector search), Redis, MinIO (object storage), BI dashboards, Microsoft Power BI (basic knowledge, course), data cleaning and transformation, Jupyter

Systems Engineering & DevOps: System architecture, Docker, Docker Compose, virtualization, Windows administration, Linux administration, Cloudflare Tunnel, Uptime Kuma monitoring, graceful-degradation design

Compliance: GDPR, EU AI Act, PII masking / anonymization

Education

Bachelor of Science (BSc) in Computer Science 2022 – 2026

Faculdade Santa Cruz, Brazil. Degree completed in 2026.

Business Administration studies (2 years, not completed) 2005 – 2012

UFSJ (2011 – 2012), Uni-BH (2010), SOCIESC (2005 – 2006), Brazil

Certifications

- ▶ **Microsoft Certified: Azure AI Apps and Agents Developer Associate:** agentic and generative AI solutions on Azure, AI agents, RAG, Azure OpenAI
- ▶ **Celonis** (6 certifications): Data Engineering; Analyst; Flows Builder; Implementation Professional; Solution Creation Expert; Technical Expert
- ▶ **IBM:** Data Science Professional Certificate; Applied Data Science Specialization (Coursera)

Professional Experience

Independent Courses & Projects 2025 – 2026

Non-commercial portfolio projects and continued training, alongside completing the BSc in Computer Science

- ▶ **Data Sentinel: self-hosted enterprise AI gateway for GDPR and EU AI Act compliance.** Detects and masks personal data (PII) with Microsoft Presidio, including custom German-language recognizers and reversible encrypted tokens, before documents reach an external LLM, then restores it in the response. Routes each request via LiteLLM to an EU-hosted cloud model, a reasoning model or a fully local model (zero-egress mode). Classifies documents against GDPR and the EU AI Act on intake to derive processing paths and access rights. Stack: Python, FastAPI, LangGraph, n8n, Redis, PostgreSQL / pgvector (RAG), Langfuse, Next.js, Docker Compose; modular registry of 9 modules including HITL review.

- **Envoy ([luism.pro](#)): live AI-driven portfolio site.** Agentic RAG orchestration in n8n (guardrail, triage and 5 specialist workflows), Gemini embeddings with PostgreSQL / pgvector search, metadata re-ranking, similarity threshold and related-chunk expansion. Includes job-description matching, analytics (bronze / silver / gold schema) and contact automation. React / Next.js, Redis, MinIO and Uptime Kuma run in Docker behind a Cloudflare Tunnel with no open ports; a static fallback on separate cloud hosting keeps the site up if the AI layer fails.
- **Data Express: guided data-cleaning and visualisation tool for non-analysts.** Streamlit, pandas and Plotly, running in Docker. A shared core engine is exposed as 7 **MCP tools** and driven by plain-English instructions through a local LLM (Ollama); the public demo is a FastAPI service using Gemini function calling, with rate limiting and a deterministic fallback.

Technical Consultant

2021 – 2022

[Qiado GmbH, Germany](#)

- **Process mining:** built business intelligence (BI) dashboards in **Celonis** to analyse and visualise business processes.
- Developed **SAP scripts** for automated batch processing.
- **Project Management Office (PMO):** report controlling, onboarding of freelancers, and organising task allocation. Trained and certified in Celonis and OutSystems.

Project Manager

2016 – 2017

[Ipsos Observer, Chile](#)

- Managed international market-research projects, bridging clients, developers and the public; designed questionnaires and supervised fieldwork for national, international and multinational studies.

Business Consultant (freelance)

2006 – 2016

[Bicilektica \(Chile, 2016\)](#); [Real Banquetes \(Mexico, 2014\)](#); [Studio de Dança \(Brazil, 2006\)](#)

- Wrote business, marketing and sales plans, carried out financial analysis and planning, and set up administrative procedures; coached executives and staff.
- Results: **+80% sales** at Real Banquetes after 7 months; **+50% enrolments** at Studio de Dança after 5 months.

Operations Manager (Trainee)

2012 – 2013

[Cultural Homestay International, USA](#)

- Processed international documentation, conducted client interviews and selection, and supported international partners.

Assistant Manager / Branch Manager

2011 – 2012

[Tam Viagens, Brazil](#)

- Coached the sales team, improved financial controls and contributed to market strategy: **~40% branch sales increase within 4 months**.

Branch Manager

2009

[Casa & Tinta, Belo Horizonte, Brazil](#)

- Led a team of five in sales, stock and store maintenance.

Supervisor (Trainee)

2005 – 2007

[Holz Hotel, Brazil](#)

- Managed front-desk operations and payables; supported external auditors and trained front-desk staff.

Sales and Operations Experience

Customer service, sales and support of operational processes.

Sales and Operations, Hagebaumarkt, Germany 2023 – 2024

Sales and Operations, MediaMarkt, Germany 2022 – 2023

Sales and Operations, CVC Viagens, Brazil 2015

Sales and Operations, Ponte Aérea, Brazil 2014

Sales and Operations, ActionLink, USA 2012 – 2013

Sales and Operations, Tam Airlines (LATAM), Brazil 2010 – 2011

Sales and Operations, Claro, Brazil 2008 – 2009

Sales and Operations, Nambei, Brazil. +100% revenue and +120% office profitability within 9 months 2007 – 2008

Languages

English: Fluent | **German:** Advanced | **Spanish:** Advanced | **Portuguese:** Native | **Italian:** Basic | **French:** Basic

Personal Details

Age 42, married | Available for business travel up to approx. 20% of working time

References and employer reference letter (Arbeitszeugnis) available on request.