

Experience

Present apr / 2025	Full Stack Developer / AI Engineer Instituto Meros do Brasil - Curitiba-PR-Brazil ; Remote (freelancer) Non-profit Brazilian organization, private initiative subsidized by PETROBRAS S.A. <ul style="list-style-type: none"> • Development of a back-office platform (MERN) w/ MCP to manage tasks and reporting of 60+ team members; • Deployment of ETL pipelines and RAG system to consolidate reports and enable querying of Knowledge Base; • Management of Google Admin Workspace console to support all sort of team members needs;
nov may / 2025	Software Developer / AI Engineer NILG.AI - Porto, Portugal; Remote (consultant/contractor) “Tailored AI solutions to grow your business, scale faster, and cut costs, from strategy to deployment.” <ul style="list-style-type: none"> • Built MCP and audiovisual pipelines using Python, Zapier, webhooks, and FFmpeg to process TV episodes; • Achieved relevant time savings by automating docs processing with ETLs, and vision-language models; • Developed RAG agents and chatbots (front-end React) for multiple industries, including tourism and healthcare;
oct jun / 2025	Data Engineer LitBoat / Stealth Startup - Miami, United States; Remote (freelancer) <ul style="list-style-type: none"> • Deployment of Medallion Architecture in BigQuery and APIs (SQLAlchemy, FastAPI) for data ingestion; • Integration of data pipelines and Analytics, GCP (Buckets, Postgres, BigQuery), Retool and Metabase; • Building dataviz on Metabase to provide strategic KPIs for thousands of clients (restaurants);
feb / 2025 sep / 2024	Full Stack Developer / Data Analytics Rise Layers / 88 Delivery Platform - Curitiba-PR-Brazil ; On-site Developer at Delivery branch (early stage startup) - Restaurant Delivery Platform (300+ restaurants); <ul style="list-style-type: none"> • Built digital menu from scratch (React), to open new revenue channel for more than 300 customers (restaurants); • Developed integration and applications: portfolio management, broadcast messages, etc. (NoSQL, Firebase); • Deployed ETLs for: CRM sync, portfolio enrichment, data analysis - RFM matrix, ABC curve, etc. (Python);
sep / 2024 mar / 2023	Full Stack Developer / Data Analytics Supercampo S/A - Curitiba-PR-Brazil ; On-site <ul style="list-style-type: none"> • Delivered data through ETL / BI of R\$ 160MM+ annual GMV and other KPIs (MySQL, PowerBI, Streamlit); • Supported technology innovation project (Tecnoparque), reducing company's service tax (ISS) from 5% to 2%; • Developed MERN stack for Product Information Manager (PIM) of portfolio enrichment w/ GenAI (180k+ SKUs); • Deployment of workflows for integration of 180k+ SKUs, 80k+ customers, and other multiple data; • Gathered requirements and integrated ERP systems (12 businesses) and VTEX ecommerce APIs;
mar / 2023 oct / 2022	Back-end Developer BRG Brasil Geradores - Anápolis-GO-Brazil ; Remote <ul style="list-style-type: none"> • Delivered key features to enhance APIs / back-end of National Power Plant Monitoring System; • Refactored and modernized legacy Express.js codebase by transitioning to a multi-layer architecture REST API; • Documented APIs using OpenAPI notation, Swagger and markdown docs.
dec / 2021 jul / 2019	Software Developer SIMEPAR - Sistema de Tecnologia e Monitoramento Ambiental do Paraná - Curitiba-PR-Brazil ; On-site Dam Monitoring Project - overall output delivered opportunity of collecting 7-digit fees; <ul style="list-style-type: none"> • Developed data collection solution of technical form with ~350 inputs (HTML, Vanilla JavaScript, CSS ; SQLite); • Delivered data analysis process to check inconsistencies and generate ~900 reports and (Python-Pandas); • Designed PowerBI decision tool for monitoring KPIs: team's productivity, deliverables and scheduling;
nov / 2021 nov / 2019	Product Engineer & Co-founder Sagan Bionics - Curitiba-PR - Upper limb prosthesis development, TRL-5 <ul style="list-style-type: none"> • Fellow of LIF-7 Programme (2021), Royal Academy of Engineering (UK) • Technology project funded by subvention ≈ 8k USD / 36k BRL, early 2020 (Fundação Araucária-Brazil) • Awarded 11th Ozires Silva National Prize of Sustainable Entrepreneurship - 2018 (Brazil)

Education

2016	Mechanical Engineering, Bachelor Degree Federal University of Technology – Paraná, UTFPR, Curitiba -PR-Brazil
2014	Mechanical Engineering (Non-degree, visiting student; 2 semesters, ~1000h) National Institute of Applied Sciences of Lyon (INSA), Villeurbanne-France. 2013 cohort

Languages English: Advanced French: Advanced

Acknowledgments

2021	Fellow of Leaders in Innovation Programme (LIF-7th cohort), Royal Academy of Engineering (London-UK)
2019	2nd place Global Legal Hackathon (Nous Team) - National Law Organization (OAB-PR-Brazil)
2013	1st place Scholarship selection UTFPR 2013 cohort, CAPES/BRAFITEC, Brazil-France