

# RENAN DE MORAES

Data Engineer | AI Automation Developer

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Github Profile - <https://github.com/mpraes>

## PROFESSIONAL SUMMARY

Experienced professional in data engineering and BI Development with over 5 years of experience in technology and more than 10 years in logistics and procurement. Also experienced recently in AI automation customized projects like Agentic Chatbots. Proven specialized with Python, SQL, Azure (Container Apps), Langgraph, Langchain and Backend chatbots. Proven experience in automation Chatbots and Robot process Automation.

Core Competencies:

- ETL process expert;
- Python Development expert;
- SQL databases admin experienced;
- Azure data ecosystem experienced (certified DP-900 and AZ-204);
- Good knowledge and experience on infra configurations;
- Growing in maturity to create AI apps in hardcode (not n8n. make, etc) with python Backend and any frameworks (Langgraph, Langchain, PydanticAI, etc) and deploy with docker.

## PROFESSIONAL EXPERIENCE

SCORAS | AI Automation Developer (Freelance)

August 2025 - Present - Working with some projects like :

- For a great business conglomerate in transportation and logistics, I'm developing an entire full stack app chatbot with Langgraph framework to help automate N1 level support IT works like reset password or unlock user. Using Langgraph, Redis, Backend with FastAPI and Front with basic Javascript, HTML, CSS. Deployed on Azure Container Apps;
- For The world's largest supplier of agricultural inputs and services, I'm working on developing some AWS glue jobs in python scripts to collect data from a chatbot on DynamoDB and basic ETL to a dimensional structured data on Aurora PostgreSQL database to monitor metrics from the bot. Working with some terraform and CI/CD to auto build the infrastructure;

## NINECON | Senior Data Consultant

October 2024 - Present - Buildded these projects:

- For a oil and gas industry development via offshore drill ships, I developed an entire Oracle Relational Data Warehouse using the traditional Kimball methodology to attend two departamentos (finance and Procurement). Also Developed and deployed ETL jobs using IBM DataStage tool, helping with an active participation in ERP system migration from Protheus (Totvs) to Oracle Fusion - Management of 50+ Stage and Destination tables to maintain Power BI reports;
- Working for a leader in water management and sanitation technologies, focused on sustainable stormwater drainage solutions and the preservation of the natural water cycle. Developing from the scratch an MS Fabric solution to automate the reports of diverse departments of the company (comercial, finance, etc);

## BLUER TECNOLOGIA | Data Engineer / BI Specialist

February 2024 - Present - Working wit several clients with small/mid projects with diversity like:

- Developed complete project for vehicle rental API data reading with real-time processing and SQL Server storage with dimensional modeling. Implemented on a VM with Jenkins orchestration;
- Webapp Development (Bluepulse) to create whatsapp campaigns inside a VPS Hostgator server in docker containers connected with Postgres and Evolution GO to send and manage campaign batch messages (pdf, png, etc) and using devops CI and CD;
- Architected and coordinated Microsoft Fabric solution implementation for clients, focusing on data engineering;
- Created ETL small SFTP files with automated email sending on Azure Functions;
- Developed multiple ETL processes in Python, integrating various APIs (SAP RFC and other systems) with MSSQL databases;
- Developed small system automation with python to download files from SIGOR and organize with pattern folders in a VM One Drive with daily email reports;
- A lot of optimizing and creating SQL queries to connect with PBI reports;

## AB INBEV | BI Developer

March 2024 - September 2024 - Executed a seven-month project focused on refactoring Revenue sector dashboards with pricing concurrency data of products. Used Azure Cloud as the development environment to build data models in Databricks (SQL and PySpark), and implemented final reporting solutions using Power BI.

## IBM | Business Intelligence Developer

February 2022 - February 2024 - Member of BI Engineering team allocated to a great mining company, responsible for developing corporate asset monitoring portal - Data collection and processing from multiple sources (CSV, XLSX, SQL Server, Oracle, SAP HANA) using Azure Data Factory - Development of ADF pipelines with business rule application and data processing - Creation of Data Warehouse tables with dimensional modeling (Star Schema and Snowflake) - Data validation and Power BI dashboard creation - Team leadership in improvement projects - Worked with agile methodology using Azure DevOps

## GRUPO PETRÓPOLIS | BI Analyst

December 2020 - February 2022 - Developed data flows with RPA (Python) and dashboards for Logistics department - Created and maintained PL/SQL procedures, views, and packages for generating critical distribution information - Developed "Logistics Daily Bulletin" in Python (HTML/CSS) using Numpy, Pandas, and Dash libraries - Implemented ETL/RPA processes for automated SAP integration - Supported over 250 resellers and 8 factories with solutions that prevented million-dollar losses

## INTERNATIONAL FLAVORS & FRAGRANCES

October 2016 - July 2020

Raw Material Planner (October 2019 - July 2020) - Daily MRP analysis for national and international raw material purchasing - Strategic purchasing management and follow up

IM&S Buyer (October 2016 - September 2019) - Buyer of indirect materials and services for Frutarom do Brasil - Purchasing management for three branches in São Paulo State

## LORENZON MANUTENÇÃO INDUSTRIAL | Buyer

December 2008 - October 2016 - Responsible for strategic parts purchasing that directly impacted monthly billing goals - Complete warehouse control: internal customer service, position mapping, inventory participation - Direct report to Commercial Manager

## EDUCATION

### FACULDADE PORTO DAS MONÇÕES

MBA in Logistics Engineering | 2014 - 2017

### FACULDADE PORTO DAS MONÇÕES

Bachelor's Degree in Logistics | 2011 - 2013

### ALURA

Data Analytics Training (300+ hours) | 2021 - 2022

### SENAC SOROCABA

Purchasing Negotiation Course | 2017

## CERTIFICATIONS

### Cloud Certifications:

- Microsoft Azure Fundamentals (AZ-900)
- Microsoft Azure Data Fundamentals (DP-900)
- Microsoft Fabric Data Engineering Associate (DP-700)
- Oracle Cloud Infrastructure Associate

### Technical Certifications:

There is a lot of diverse certifications what can't put here, since the resume would be too big. Check on my linkedin profile.

# TECHNICAL SKILLS

## Programming Languages:

- Python (Pandas, NumPy, Plotly, Dash);
- SQL (Oracle, SQL Server, MySQL);
- PL/SQL;
- JavaScript/HTML/CSS;

## BI and Analytics Tools:

- Power BI;
- Databricks;
- IBM DataStage;
- Azure Analysis Services;

## Cloud Platforms:

- Microsoft Azure (Data Factory, Functions, DevOps);
- Amazon Web Services (AWS);
- Oracle Cloud Infrastructure;
- Microsoft Fabric;

## ETL/ELT Tools:

- Azure Data Factory
- Microsoft SSIS
- IBM DataStage
- Databricks/Pyspark

## Databases:

- Oracle Database;
- SQL Server;
- MySQL;

## Development Tools:

- Git/GitHub

- Azure DevOps
- Jenkins
- Visual Studio Code

## LANGUAGES

- Portuguese: Native
- English: Full Professional Proficiency
- Spanish: Professional Working Proficiency

## FEATURED PROJECTS

### QuickELT - Data Engineering Template

GitHub: <https://github.com/mpraes/quickelt> | Stars: 33 | Forks: 5

Open source template for data engineering projects using functional programming as the main paradigm. Project created to accelerate data pipeline development with best practices from the start.

Technologies: Python, Pandas, Polars, DuckDB, AWS S3, Azure, SQLAlchemy, PostgreSQL, MySQL, Oracle, Pytest

Key Achievements: - Development of reusable templates for data ingestion from multiple sources - Implementation of modular architecture with bronze/silver/gold separation - Creation of AWS S3 utilities and database integration tools - Automated testing structure and bilingual logger - 21 active commits with features for web scraping, APIs, and SharePoint

### Gás Mais Barato - LPG Price Intelligence Platform

GitHub: [https://github.com/mpraes/webapp\\_gas\\_mais\\_barato](https://github.com/mpraes/webapp_gas_mais_barato) |

Deploy: [gasmaisbarato.site](https://gasmaisbarato.site)

High-performance web dashboard that processes official government data (ANP) to compare cooking gas prices across Brazil. The application functions as a Business Intelligence tool, calculating real-time market metrics to highlight consumer savings potential.

Stack Technologies: Next.js 14.2 (App Router), TypeScript 5.4 (Strict Mode), Tailwind CSS

**[DeepSQL.pro](#) site - Learning SQL free directly from projects**

Learn SQL the way professionals use it: solving real analytical challenges. Work with authentic business datasets, uncover insights, and improve your skills with instant feedback, guided hints, and immersive scenarios inspired by real corporate challenges.