

Vinicius Guerra e Ribas

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Professional Summary

Senior Data & Software Engineer with **5+ years** of experience leading and delivering **scalable, cloud-native data solutions** for **Fortune 500 companies and government agencies**. Strong background in **AI-driven data pipelines, DevOps automation, and cross-functional collaboration**.

✓ **Developed 50+ ETL pipelines** across **10+ global projects**, optimizing **data workflows** and **streamlining access** across Finance, Logistics, and IT teams.

✓ **Built AI-powered data pipelines**, integrating **Google Maps, OpenAI, Brazilian Government APIs, and ML models** for lead classification, invoice OCR, and generative AI assistants.

✓ **Enhanced big data processing efficiency**, reducing **PySpark Kubernetes processing time from 20 hours to 30 minutes** and cutting **cloud costs by 90%** with a custom monitoring tool.

✓ **Recognized with multiple awards**, including a **Santander Open Academy Scholarship, Raízen Energia S.A. Exceptional Performance Award**, and a **formal recommendation letter from the Brazilian Government**.

Education

- MBA Universidade de São Paulo (USP)**, Software Engineering Apr 2024 – Jan 2026
- **Full Scholarship** for additional specializations at Coursera.
 - **Coursework:** Full Stack Development, Software Management, Cloud Computing, Data & Business.
- MBA Universidade de São Paulo (USP)**, Data Science and Analytics May 2021 – Jan 2023
- **Graduated with Highest Distinction**, achieving **top grades** in Research, Final Exams, and Thesis Defense.
 - **Coursework:** Statistics, Machine Learning, Big Data, Business Analytics.
- BSc Universidade de Brasília (UnB)**, Energy Engineering Jan 2014 – May 2021
- **Final thesis awarded top marks**, applied in **Brazil's COVID-19 data science efforts**.
 - **Coursework:** Renewable Energy, Technology, Innovation, Sustainability, and Data Analytics.

Work Experience

- Raizen Energia S.A.**, Data Engineer, Analytics Engineering São Paulo, Brazil (Remote)
- Aug 2023 – present
- **Integrated 100% of business area's data** into a scalable cloud platform, significantly enhancing data accessibility and reducing retrieval time by **95%**.
 - **Led a data integrity initiative**, correcting **40,000+ customer records** from **Salesforce & SAP APIs**, enabling **automated billing & marketing strategies**.
 - **Developed AI-driven data pipelines**, improving real-time insights and predictive analytics.
- Raizen Energia S.A.**, Data Engineer, ETL Pipelines Development São Paulo, Brazil (Remote)
- June 2022 – Aug 2023
- **Architected & optimized 50+ ETL solutions**, integrating **SharePoint, APIs, SQL/NoSQL databases, and Data Lakes**.
 - **Automated ETL processes**, reducing manual interventions by **70%** and improving **pipeline reliability**.
 - **Designed ML-driven data enrichment solutions**, increasing customer acquisition accuracy.
- Energisa S.A.**, Business Intelligence Analyst Mato Grosso do Sul, Brazil
- (Hybrid)

- **Automated data extraction**, cutting **manual reporting by 75%** and optimizing **BI workflows**.
- **Developed interactive dashboards**, providing **real-time executive insights** for market trends.

Mar 2021 – June 2022

Brazilian Electricity Regulatory Agency (ANEEL), Data Scientist, Intern

Brasília, Brazil (On-site)

- **Developed a nationwide energy customer database**, improving **regulatory oversight & decision-making**.
- **Ensured compliance with data security & governance standards**.

Jan 2019 – Mar 2021

Awards

Santander Open Academy Scholarship

2024

- **Full Scholarship** for advanced software development training (**Full Stack, DevOps, Data Engineering**).

Upwork Top Rated Freelancer with 100% Job Success and 5-Star Rating

2022 – present

- **100% job success rate**, consistently delivering **5-star rated projects**.

Raizen Energia S.A. Exceptional Performance Recognition

2023

- **Recognized for outstanding contributions** in data engineering & innovation.

Universidade de São Paulo Top Grade Recognition

2023

- **Achieved highest academic distinction** in **Research & Thesis Defense**.

Brazilian Electricity Regulatory Agency (ANEEL) Recommendation Letter

2021

- **Formally recognized** for contributions to **Brazil's energy sector data initiatives**.

Certificates and Volunteering

Certificates

- **Microsoft Azure for Data Engineers** – Microsoft
- **Prompt Engineering for Developers** – DeepLearning.AI
- **Customer-Centric IT Strategy** – University of Virginia

Volunteering

- **Litter-of-Light (ONG)** – Tech Volunteer supporting **low-income communities**.
- **COVID-19 Data Science Initiative** – Contributed to **government pandemic response efforts**.

Skills

Data Engineering: ETL, Pipelines, Apache Spark, Analytics Engineering, SQL & NoSQL, Data Lakes, Data Governance, Data Quality, Data Integration

Data Science: Machine Learning, Pandas, Jupyter, Statistical Analysis, Data Visualization, AWS SageMaker, Databricks

DevOps & Cloud: AWS, Azure, GCP (Google Cloud Platform), Kubernetes, CI/CD, IaC, Docker, Git, Monitoring & Logging

Software Development: Python, React + Javascript + Node.js, SQL, CSS + HTML, Backend, Frontend, Full Stack, REST API, Agile, Scrum

Artificial Intelligence: Deep Learning, Prompt Engineering, NLP, AI Assistant Development, MLOps

Business Intelligence & Data Analytics: Power BI, Tableau, Data Analytics, KPI Monitoring, Dashboard Design, Business Analysis, Data Storytelling

Soft Skills: Leadership, Communication, Problem-Solving, Teamwork, Customer Focus, Adaptability, Decision-Making, Time Management, Strategic Thinking