

Vinicius Guerra e Ribas

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Education

- MBA** **Universidade de São Paulo**, Software Engineering Apr. 2024 to Jan. 2026
- 100% scholarship for additional specializations at Coursera
 - **Coursework:** Full Stack Development, Data and Business, Software Development, Management, and Cloud
- MBA** **Universidade de São Paulo**, Data Science and Analytics May 2021 to Jan. 2023
- Evaluated with the highest grade in the topics: Research Project, Results, Final Exams, and Thesis Defense
 - **Coursework:** Statistics, Supervised and Unsupervised Machine Learning Models, Trends in Data Science and Analytics, Big Data in the Business Environment
- BSc** **Universidade de Brasília**, Energy Engineering Jan. 2014 to May 2021
- Final thesis approved with top marks by the University of Brasília, used in voluntary data science work to combat COVID-19 in Brazil.
 - **Coursework:** Renewable Energy, Technology, Innovation, Sustainability, and Energy Systems Engineering

Work Experience

- Raizen Energia S.A.**, Data Engineer, Analytics Engineering SP, Brazil (Remote)
Aug. 2023 to present
- Gathered business requirements from various departments (Power, Finance, Logistics, Software, and IT) and developed a cloud solution to democratize and enhance data accessibility within the company.
 - Developed data quality solutions by monitoring completeness and integrity parameters, implementing sanitation rules, and enriching SSOT databases within a Data Lake House architecture.
 - Corrected over 38,000 active customer accounts, enabling the implementation of marketing rules for billing and new sign-ups.
- Raizen Energia S.A.**, Data Engineer, ETL Pipelines Development SP, Brazil (Remote)
June 2022 to Aug. 2023
- Collected business requirements from various departments (Power, Finance, Logistics, Software, and IT) and developed cloud solutions to democratize and enhance data accessibility within the company.
 - Developed a data solution that extracted information from all consumers in Brazil, and enriched the data using a Google API and a Machine Learning algorithm, enabling the identification of high-scoring leads.
 - Architected, implemented, orchestrated, and monitored over 20 data pipelines, integrating sources such as business SharePoint, external APIs, dashboards, SQL databases, NoSQL databases, and data lakes.
- Energisa S.A.**, Business Intelligence Analyst MS, Brazil (Hybrid)
Mar. 2021 to June 2022
- Developed algorithms to iterate with analyses in Excel, enhancing data warehousing and analytics capabilities.
 - Employed data visualization tools for strategic market analysis and data-driven decision-making.

- Automated data extraction and transformation processes, reducing manual work by 75%.

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

DF, Brazil (On-site)
Jan. 2019 to Mar. 2021

- Demonstrated exceptional time management in data projects and ensured data security in compliance with governance standards.
- Played a pivotal role in assisting the Brazilian government in developing a comprehensive database of all energy customers in Brazil.
- Received formal recognition from the Brazilian government for outstanding work in the data science field.

Awards

Santander Open Academy Scholarship

2024

- Won a full scholarship to a software development school focused on Front-End, Backend, DevOps, Data Engineering, and Data Science.

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

2022 to present

- Achieved a 100% job success rate and a 5-star rating on Upwork, with over 100% project completion.

Raizen Energia S.A. Exceptional Performance Recognition

2023

- Recognized for exceptional performance in culture, results-oriented work, and team-work.

Universidade de São Paulo Top Grade Recognition

2023

- Evaluated with the highest grade in the topics: Research Project, Results, Final Exams, and Thesis Defense.

Brazilian Electricity Regulatory Agency (ANEEL) Recommendation Letter

2021

- Received formal recognition from the Brazilian government for outstanding work in the data science field.

Certificates And Volunteering

Certificates

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

Volunteering

- Litter-of-Light (ONG) Technology Volunteer for low-income communities in Brazil
- COVID-19 Data Science Volunteer for the Brazilian government

Skills

Data Engineering: Spark, SQL, Big Data, ETL, API, Python

Data Science and Analytics: Machine Learning, Prompt Engineering, Data Mining, Business Intelligence, Statistics, Data Visualization, R

Software Development and IT Operations (DevOps): System Design, CI/CD, Cloud Computing, Containers, Kubernetes, Monitoring, Data Governance

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