Bruno Prado

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Data Engineer

Azure | Databricks | Data Engineering | Data Science | Python

Developer with extensive experience in applications using Data Engineering, Generative AI and data analysis. I have worked on energy efficiency optimization projects in the energy sector, developing data analysis tools and statistical techniques for AI modeling and Data Engineering Pipelines, in addition to having experience in developing Generative AI tools.

PROFESSIONAL EXPERIENCE

Rox Partener – *São Paulo, SP, Brazil*   07/2024 - At the moment
Data Engineer

- Act as a Data Engineer in strategic data engineering projects at one of the largest education and healthcare companies in Brazil, maintaining and developing pipelines with a focus on delivering high-quality data to the business team, driving informed decision-making.
- End-to-end ETL process development: creation and optimization of ETL processes using Apache Spark, Databricks, Azure Data Factory, ensuring efficient and reliable data flows
- Creation of dashboards using Power BI.

Neoenergia Coelba - *Salvador, BA, Brazil*   12/2023 – 07/2024
AI Engineer
Expertise in Generative AI and predictive modeling projects for asset management.

- Development of applications with Generative AI using OpenAI, Langchain, Pinecone, RAG and Chroma.
- Application of Artificial Intelligence algorithms to optimize processes and decision making.
- Deploy models using FastAPI, Docker and MLflow.

Continental - *Camaçari, BA, Brazil*   09/2023 - 12/2023
Data Analyst, Intern

I worked as a developer for the data analysis part, from ETL to Dashboards and generation of insights

- Data analysis aimed at optimizing the factory's workflow.
- ETL implementation for integration into Data Warehouses.
- Creation of data extraction automation routines and dashboards with PowerBI.
- Use of Microsoft SQL Server and AWS RDS.

Lactec - *Curitiba, PR, Brazil*

09/2022 - 09/2023

AI Engineer, Intern
Developed predictive modeling projects to improve energy efficiency in utilities

- Training and testing Machine Learning models.
- Using machine learning libraries, such as PyTorch, Scikit-learn, Tensor Flow
- Development of data analysis automation tools and pipeline creation.

EDUCATION

Catholic university of Brasilia
Bachelor's Degree in Software Engineering (2022 - 2026)

TECHNICAL ABILITIES

- Generative AI (Langchain, OpenAI, Open Source LLMs, Vector Database, RAG, CrewAI)
- Machine Learning (Scikit-learn, Python, Pandas, PyTorch,XGBoost, Numpy, Matplotlib, MLFLow)
- Web Development (FastAPI, Docker, Django)

COMPETENCE IN LANGUAGES

- English: Advanced
- Spanish: Basic