Pedro Mendes

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👤 About Me

I have three years' experience in the IT market and one years' experience as an economic analyst, also working with data science. I was also a research assistant in the scientific initiation programme at UFABC, and I am currently enrolled in the 11th period of the Science and Humanities programme and the 8th period of the Economics BA degree's programme. Furthermore, I currently work as a DevOps Engineer at NTT DATA. My interests are time series econometrics, machine learning, Linux systems, automations with Ansible and programming in Python and Go.

🛠️ Skills

Skill	Level	
🐍 Python	Advanced	pandas, scikit-learn, FastAPI, Keras, TensorFlow, Streamlit, pySpark
ℝ R	Advanced	Tidyverse, tidymodels, data.table, Shiny
Ⓐ Azure	Intermediate	CosmosDB, Azure DevOps, Azure Functions
🐳 Docker	Intermediate	–
⭘ GitHub	Intermediate	GitHub Actions
Ⓐ Ansible	Intermediate	Molecule
⚙ Go	Intermediate	–
⌲ Terraform	Intermediate	–
⎈ Kubernetes	Intermediate	Helm, Istio
🗄 Databases	Intermediate	PostgreSQL, MariaDB, MongoDB
✩ Apache Spark	Intermediate	Databricks
🐙 ArgoCD	Beginner	–
◎ Grafana	Beginner	–
◉ Prometheus	Beginner	–
⤧ Apache Airflow	Beginner	–
aws AWS	Beginner	AWS Lambda

🎓 Education

Federal University of ABC

BA degree in Economics

- São Bernardo do Campo, SP
- 2018 – 2023

BA degree in Sciences and Humanities

- São Bernardo do Campo, SP
- 2018 – 2022

Fatec São Caetano do Sul

Information Security

- São Caetano do Sul, SP
- 2015 – 2017

💼 Work Expericence

DevOps / Site Reliability Engineer

- NTT Data
- São Paulo, SP
- 2022 – Now

I manage CI/CD pipelines with Azure DevOps and monitor the performance of microservices with ArgoCD and New Relic. I am also responsible for building automation tools using Infrastructure as Code (Terraform, Ansible and Helm), Python and Go.

Data analyst

- Abramge
- São Paulo, SP
- 2021 – 2022

My main activity was related to extracting and processing data on the private health sector in Brazil. To do this, I created ETL pipelines using R and Python to process large amounts of data and used exploratory data analysis to produce reports and dashboards for public use. I also managed databases using PostgreeSQL and serverless databases such as DuckDB and Apache Arrow. I was also responsible for forecasting relevant indicators using time series econometric tools (mainly VAR-related models).

🔎 Research

Scientific Initiation Program (PIC-UFABC)

- CECS – UFABC
- São Bernardo do Campo, SP
- 2020–2021

I researched exports from the Midwest region of Brazil, as well as the commodity cycle of the 2000s and its relationship to the region's agro-industrial complex. I used data from Comex Stats and carried out analyses using tools such as R and Google BigQuery. My research relied on exploratory data analysis and visualisation to draw conclusions about the period analysed.

🌐 Language Proficiency

Language	Level
Portuguese	Native
English	Professional working proficiency
Spanish	Professional working proficiency