Roberto Moreira Diniz

Data Engineer

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About Me

I am a data engineer with nearly three years of experience building scalable data pipelines, managing data lakes, and integrating cloud solutions. Skilled in PySpark, AWS, Docker, and Linux, I focus on data quality, automation, and efficiency. I am an AWS Developer certified professional preparing for the KCNA exam.

Professional Experience

Data Engineer (Full-Time)   Jul 2022 - Present
Ti.Saúde   *Recife, Brazil*
- Create data pipelines
- Maintain and build data storage systems in the cloud to be used by other areas of the company
- Analyze and extract insights from the data

Data Engineer (Internship)   Nov 2021 - Apr 2022
Ministry of Communications (Government)   *Brasilia, Federal District, Brazil*
- Support the analysis of problems and technical solutions of data integration on projects related to internet connectivity in the national territory

Education

Bachelor's degree in Data Science and Artificial Intelligence   Feb 2021 - Present
Instituto de Educação Superior de Brasília (IESB)

Bachelor's degree in Architecture and Urbanism   Graduated on September 16, 2020
Centro Universitário de Brasília (UniCEUB)

Technical Skills

- Programming: Python, SQL, Bash
- Cloud: AWS (Boto3, Lambda, Glue, S3, EC2, AWS CLI, Terraform, VPC, RDS, Secret Manager, IAM, SSM, QuickSight, AWS Lake Formation, Amazon Athena, EventBridge, SNS, Rekognition, RedShift, DynamoDB)
- Databases: PostgreSQL, MySQL, Redis, MongoDB, Hadoop
- Data Analysis: Pandas, EDA, Probability, Statistics, Sympy, Scipy, Itertools, NumPy
- Data Processing: Docker, Git, PySpark, Shell scripting, Regex, Vim, Airflow, Crontab
- Machine Learning: Scikit-learn, MLlib (Spark), spaCy
- Others: Flask, Django, PowerBI, Plotly, MetaBase, Linux Servers

Certificates: View my certifications

Languages

English: TOEFL (Oct 2020) - View certificate: (Link)

English: Casa Thomas Jefferson (Sep 2017) - View certificate: (Link)