Roberto Moreira Diniz

Data Engineer

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About Me

I am a data engineer with 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 hold the AWS Developer Associate and KCNA certifications, and am currently preparing for the CKA and AWS DevOps Engineer Professional exams.

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

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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, Java
- Cloud & Infrastructure: AWS (Boto3, Lambda, Glue, S3, EC2, AWS CLI, CloudFormation, VPC, RDS, IAM, SSM, QuickSight, Lake Formation, Amazon Athena, EventBridge, SNS, RedShift, DynamoDB, Kinesis, Amazon Q, Bedrock, CloudWatch, KMS, CodeBuild, EKS, ECR, API Gateway, Cognito, Route53, ACM)
- DevSecOps: Docker, Git, CI/CD, Chaos Engineering, Kubernetes, Security, Least Privilege Access, Cryptography, Terraform, Snyk
- Data Engineering: PySpark, Airflow, Kafka, Data Quality
- AI & Machine Learning: Scikit-learn, MLlib (Spark), spaCy, LLMOps, AI Agents
- Databases: PostgreSQL, MySQL, Redis, MongoDB, Hadoop, SQLite
- Data Analysis: Pandas, EDA, Inference, Scipy, NumPy
- Monitoring & Testing: Prometheus, Grafana, Pytest
- Web & Visualization: Flask, Django, PowerBI, Plotly, MetaBase, Streamlit
- Systems: Linux Servers

Certificates: View my certifications

Languages

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

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