Marco Antônio Vieira

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website: https://tonio-m.github.io
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Skills

Python, AWS, Linux,
Kubernetes, Kafka, Infra. as Code,
Big Data Frameworks,
Shell, Node.js, Golang

Experience

Data Engineer - Machine Learning, hCaptcha

Remote — jun 2022 - now

Worked on the model training pipeline for the bot/human classifier,
Contributed to internal libraries and frameworks.
Made improvements to the dataset features and feature engineering.
Migrated legacy code to the new framework that was in development.

Senior Data Engineer - Reliability, Banco Inter

Remote — aug 2021 - Jun 2022

Worked on the Reliability Engineering of massive Kubernetes
and Kafka clusters. Started initiatives to improve security and
monitoring of data systems (Presto, Airflow, Redshift).

Data and Software Engineer, Quasar Flash

São Paulo — sep 2020 - aug 2021

Worked as the only data engineer along with two data scientists.
Also wrote/reviewed code for the technology team.
Responsible for the MLOps model deployment pipeline.

Coded the REST API for partner integrations.
Designed some infrastructure on AWS.

Data Engineer, Data Sprints
Belo Horizonte — aug 2019 - sep 2020

As a Jr. Engineer Developed ETL pipelines and used Grafana for application monitoring. Later worked as a consultant for a project in a large digital bank. Developed a real time pipeline for massive login data and wrote infrastructure as code for many AWS resources.

Certifications

Solutions Architect - Professional, Amazon Web Services

mar 2022 - mar 2025   credential: Q4DWJJ3JMMQ1QFKZ

Solutions Architect - Associate, Amazon Web Services

jan 2020 - mar 2025   credential: S335LEQ1P1BEQCW3

Cloud Practitioner, Amazon Web Services

jan 2019 - mar 2025   credential: 7SWLYYG13EQQ1E5E

Education

B. Tech. in Data Science, I. Hendrix Methodist Institute

Belo Horizonte — 2019 - 2020   Dropped out (33% complete)

Online Courses

Machine Learning, Coursera
Practical Deep Learning for Coders, Fast.ai
Intelligence and Learning, The Coding Train