

Airton de Souza Oliveira

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I've been working with data and software engineering for 3 years. I had the opportunity to work with several technologies, such as Python, JavaScript, Docker, AWS, SQL, NoSQL, Airflow, Kafka, Power BI, Apache Superset and others

My proudest project was idealizing and implementing an end-to-end data pipeline for photovoltaic plants analytics. I used Node-red, Bash, Python, Amazon S3, Amazon EC2, MySQL, Airflow and Power BI. Studying Spark and Databricks to optimize the work done by Pandas.

EDUCATION

Bachelor of Engineering (B.E.) - Electrical Engineering - Emphasis on Computer Jan 2018 - Dec 2023
Escola Politécnica - Universidade de São Paulo, São Paulo

Master of Engineering (M.Eng.) - Computer Engineering Mar 2025 - Present
Escola Politécnica - Universidade de São Paulo, São Paulo

EXPERIENCE

Software Engineer Jul 2024 - Present
Klavi, São Paulo

I contribute to projects related to system operation (GO and Java) and building data visualization (Apache Superset). I mainly use Go, Java, Python, Jupyter notebooks, S3, PostgreSQL, MySQL, Clickhouse, Apache Superset and AWS.

Data Engineer Jr. Dec 2022 - Jul 2024
Athon, São Paulo

Responsible for data modeling O&M database, managing ETL processes and generating data visualization. I used Python pandas, Jupyter notebooks, MySQL, Node-Red, Airflow, Spark, Kafka and Power BI.

Full Stack Developer Sep 2021 - Dec 2022
Athon, São Paulo

I worked on a web platform that manages invoices and energy management. I contributed to several areas of web development, using Python, Flask, Javascript, Node.js, Typescript, Vue, Docker, MySQL, S3, Redis and AWS.

SKILLS

Database management
Data extraction
Data transformation
Data analysis
Software architecture
Data modeling

LANGUAGE

Expert in: English
Basic in: Spanish