Luis Gustavo Saibro

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Professional who has been working for 3 and a half years in the area of software development, with experience in data science, quality assurance, full stack developer, data engineer. Passionate about technology, always seeks for knowledge and studies the newest technologies on the market.

EXPERIENCE

Indicium, Florianópolis— *Data engineer*

SINCE JANUARY 2023 - Current job

Develop pipelines with orchestration tools such as airflow, create extraction and loading (DL) routines between different databases (MySQL, PostgreSQL) and APIs (Airbyte, Meltano) and also data lakes such as Amazon S3 and Google GCS. Using Kubernetes and Terraform. DW maintenance like redshift, creation of external tables with AWS Glue and AWS Spectrum.

Fontes Promotora, Florianópolis— *Data engineer*

SINCE JANUARY 2022 - JANUARY 2023

Maintain and develop apis with integration to other banks, developing using nodeJS, with the NestJS framework. Use of technologies like RabbitMQ, GraphQL. Use of patterns like TDD, Event Sourcing, clean architecture.

Laboratório Bridge, Florianópolis — *QA*

APRIL 2021 - DECEMBER 2021

White box and black box testing, creation of test cases, regression tests and also documentation evaluation, verifying that the software is working correctly. Use of tools like gatling to stress the application, security tests. Use of graphQL to validate data.

IFSC, Florianópolis — *Data scientist*

JULY 2020 - DECEMBER 2020

Survey of data obtained, checking consistency, analyzing the data collected and pre-processing these data using pandas framework. Use of visualization like matplotlib and seaborn.

SKILLS

NodeJS – NestJS – GraphQL

SQL – Event Sourcing – Python – JupyterNotebook –

Meltano – TypeScript – Airflow – Airbyte – AWS – Terraform – Kubernetes – Docker – Linux – Meltano –

Airbyte – Redshift

Certificates

Fundamentals of Machine Learning, Federal University of Santa Catarina, completed in February 2020

LANGUAGES

English – Advanced

Universidade Federal de Santa Catarina, Florianópolis — *Bachelor of Information Systems*

JUNE 2017 – DECEMBER 2022

Bachelor degree course in information systems, giving solid fundamentals in the area of computer science and business.

Universidade Federal de Santa Catarina, Florianópolis — *Bachelor of Physics*

JANUARY 2015 – DECEMBER 2016 (not completed)

Bachelor degree in physics, providing solid foundations in mathematics, in areas such as calculus and linear algebra.

PROJECTS

Undergraduate thesis

Final project for the information systems course. The objective of this project was the creation of a machine learning model to forecast grades given to literary texts by students of the Universidade Federal de Santa Catarina in literature degrees. The projects involved natural language processing, using tools like spacy, TensorFlow and Pytorch. These texts were vectorized using NLP techniques to serve as input for model creation, and then a machine learning model was built on top of those vectorized texts to predict the grades.