Ítalo Vinícius

Software Engineer, focused on data engineering and dataops.

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Summary

Software engineer with a focus on data engineering and dataops, currently pursuing a degree in Software Engineering at the University of Brasília. Possesses strong knowledge in Business Intelligence (BI), Analytics, and DataOps, with experience in developing dashboards and dataflows in Power BI, statistical data analysis, and data manipulation. Also has experience with GCP (Google Cloud Platform), Oracle database management, and Oracle APEX page development, as well as projects in Machine Learning, computer vision, data analysis, and software development in Python and C++. Has skills in leadership, teamwork, problem-solving, and machine learning. Additionally, has advanced English proficiency.

Experience Data Engineer at Embraer

Jul 2023 - Present

Remote

- Development of the Data Ecosystem Project
- Implementation in Cloud Computing solutions (AWS, GCP)
- SQL, Shell Script, Python, Spark
- SQL and NoSQL databases (SQL Server, Oracle, Google Cloud databases, SAP)
- SQL database modeling and architecture
- ETL Tools (AecorSoft Data Integrator, PySpark, Nifi, Apache Airflow)
- Data Zone Ingestion and organization
- Building Analytical Dashboards in Power BI
- Power BI capacity administration
- DevOps

Data Intern at Embraer

Nov 2021 - Jul 2023

Remote

- Power BI capacity administrator
- Creation of dashboards and dataflows in Power BI
- Analysis of data from IT teams
- Control of relational and non-relational data
- Automation of tasks, KPIs, spreadsheets, websites, and management systems
- Internal customer support

IT Intern at Tribunal de Contas da União

Jan 2021 - Oct 2021

Brasília, Brazil

- Oracle database management
- Development and management of Oracle APEX pages
- Optimization of database relationships
- Development and correction of JavaScript code

Researcher in Computer Vision at University of Brasília

Aug 2020 - Jan 2021

Brasília, Brazil

 Development and research of predictive models for road lane detection using convolutional neural networks and deep learning

Software Engineer (Temporary) at Polícia Civil do Estado de Goiás

Mar 2023 - Jul 2023

Brasília, Distrito Federal, Brazil

- Developer of the Schedula project using agile methodologies such as Lean Inception and Scrum
- Collaborated with clients on system requirements and validation of results
- Conducted training for students in software development methods, covering Git/Github, Docker, and Front-end/Back-end
- Proficient in communication, Docker, CI/CD, Typescript, React, Nestjs, agile methodologies, software requirements, Heroku, and PostgreSQL

Projects Coletaço

Group project to assist recyclable material collectors

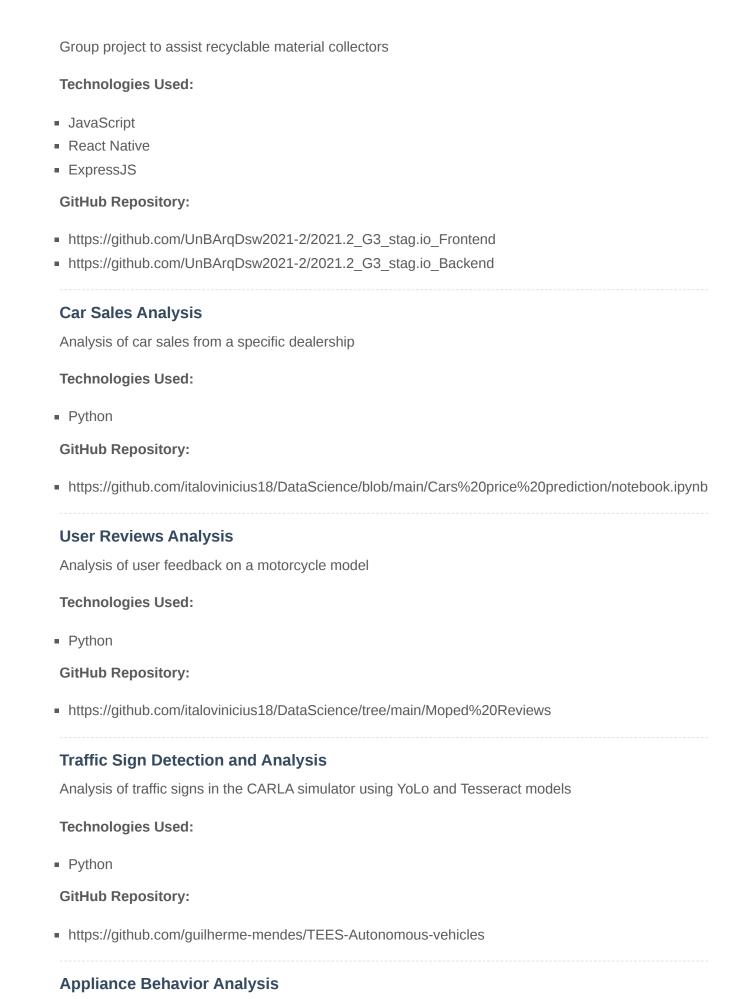
Technologies Used:

- JavaScript
- React Native
- ExpressJS

GitHub Repository:

https://github.com/italovinicius18/Coletaco

Stag.io



Evaluation of the performance of an appliance based on data collected from the motor

Technologies Used:

Python

GitHub Repository:

https://github.com/italovinicius18/DesafioTractian/blob/main/Tractian.ipynb

Data Pipeline and Sentiment Analysis

Consumption of Telegram message data, streaming processing with Kafka and Spark, sentiment analysis, and storage in Elasticsearch

Technologies Used:

Python

GitHub Repository:

https://github.com/italovinicius18/PSPD/tree/main/ProjetoFinal/B

Skills

Business Intelligence (BI) \cdot Analytics \cdot DataOps \cdot Power BI \cdot GCP (Google Cloud Platform) - BigQuery, Dataproc, Airflow, Nifi \cdot Oracle Database \cdot Machine Learning \cdot Python \cdot C++ \cdot Leadership \cdot Teamwork \cdot Problem Solving \cdot Machine Learning \cdot English (Advanced)