



Gabriele Gonçalves Vieira

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EDUCATION

Degree	University/Institute	Year	CPI/Aggregate
B.Sc. in Information Technology	Universidade Virtual do Estado de São Paulo (UNIVESP)	2022 - Current	8.97
Multiplatform Software Development	Faculdade de Tecnologia do Estado de São Paulo (FATEC)	2020 - 2021	9.26

SKILLS

Language Skills	Portuguese (Native) • English (B2) • Spanish (B2) • French (A1)
Front-end	Javascript/Typescript, Vue.js, React, Node.js, Bootstrap, AntDesign, HTML, CSS
Back-end	Python, Pytest, SQLAlchemy, Postman API
Data Science	Azure Data Bricks, Microsoft Power BI, Oracle, SQL, Pyspark
Project Management	Git, GitFlow, GitLab, Kanban, Planning Poker, Scrum Methodology, Use Case
Soft Skills	Teamwork, Leadership, Proactivity, Good Listener/Good communicator, Adaptive and Resilient

WORK EXPERIENCE

Software Engineer

Shopee Brasil

(Jan 2022 - Current)

- Be responsible for the daily agile development ceremonies (Sprint Planning, Sprint Review, Sprint Retrospective and Daily Meeting)
- CI/CD using GitLab;
- Monitoring application performance through Elastic and Grafana
- Act on the refinement and prioritization of tasks
- Acting in fronts of frontend and backend development (Vue.js, Node.js, Python)
- Creating DevOps solutions for queue and worker systems using Docker, Kubernetes, and RabbitMQ
- Work with microservices architecture
- Act on the correction of bugs

- Perform tests
- I participate in the development of an application that consumes over 200k of upload data per day and is used by more than 200 people in the product team. It automates and simplifies an activity that used to be done in Excel, reducing errors and making the process faster.

Skills: Use Case · Planning Poker · Kanban · Scrum · GitLab · Git · SQLAlchemy · Pytest · FastAPI · Python · Vue.js · TypeScript · Docker · RabbitMQ · MongoDB · Postman API · GitFlow · TDD (Test-driven Development) · Grafana · Elastic

Scientific Initiation Scholarship - PIBIC/CNPq

National Institute for Space Research (INPE)

(Mar 2022 - Aug 2023)

Project Name: "Forecast and monitoring of extreme weather events over Brazil using Artificial Intelligence".

This project aims to implement a large volume data processing and analysis system, through data science techniques. For this purpose, statistical methods applied to meteorology will be used for quantification of inconsistent/available data, statistical processing for an incomplete set of data and calculation of metrics, in order to help forecast and monitor extreme weather events (deep drought and heavy rains).

Skills: Python · R · netCDF (Network Common Data Form) · GrADS (Grid Analysis and Display System) · CDO (Climate Data Operators) · NCL (NCAR Command Language)

Intern in Geoprocessing and Information Quality

EDP Brasil

(Jan 2021 - Jan 2022)

- Participate in daily agile development ceremonies (Daily Meeting)
- Develop dashboards in PowerBI for data processing and analysis
- Create and maintain scripts in VBA
- Create and maintain scripts in pyspark and SQL for data extraction and processing
- Assist in the administration and governance of Distributors' data
- Support the monitoring of data processing and systems of technical and commercial from distributors
- Support in monitoring and supporting the demands and projects of the area

Main Achievement:

- I developed a script using pyspark and SQL that made validations in the company's database according to the business rule. The script fed daily, automatically, a powerBI that brought the numbers of incoscient data to be analyzed and corrected. Before these validations were done manually, made by excel, and required more time and many situations of inconsistency went unnoticed, besides that now vision has become daily, that is, as up to date as possible.

Skills: Kanban · Scrum · PySpark · VBA (Visual Basic for Applications) · Microsoft Power BI · SQL · Oracle · Azure Data Bricks

PROJECTS

Web Portal for Geoprocessing of Satellites Images

Link: <https://github.com/grupo-3dsm/Sirius-repoP.I>

Develop a web portal for consultations and download of satellite for the company Visiona Tecnologia Espacial (<https://visionaespecial.com.br>).

Skills: React, Node.js, Typescript, Python, Amazon Web Services - AWS, SpatioTemporal Asset Catalogs - STAC

Web Portal for Statistical Analysis

Link: https://github.com/grupo-3dsm/repo_pi

Develop a platform where journalists from the Vanguarda television (<https://redeglobo.globo.com/sp/tvvanguardia/>) can access Voters information and data of regions of the coverage area in which the network works.

Skills: HTML5, CSS3, Javascript, Python

World Beauty - CRUD

Link: <https://github.com/GabrieleGVieira/crud-typescript>

Develop a system CRUD of type CLI (command-line interface) to meet the needs of the group World Beauty (fictitious), of the area of aesthetics.

Skills: Node.js, Typescript

AWARDS AND ACHIEVEMENTS

Scientific Initiation Seminar and Initiation in Technological Development and Innovation (SICINPE) - 2022

National Institute for Space Research (INPE)

Presentation of the results of projects developed in the period 2021-2022

CONTENT PRESENTED:

- Forecast and monitoring of external weather events over Brazil using Artificial intelligence

MENTION: Very Good

GRADE: 9.4

Scholarship for Spanish Languages Exchange

Fundación para la Difusión de la Lengua y Cultura Española

Scholarship for two-week Spanish course in Valladolid, Spain, in 2021