

Josué Marcos da Silva

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Objective

Develop my skills in software engineering, artificial intelligence, machine learning, and data, leveraging technical abilities and a proactive approach to learning.

Education

- **Bachelor's Degree in Computer Science** – Federal University of ABC (2023–2027)
- **Bachelor's Degree in Science and Technology** – Federal University of ABC (2023–2025)
- **Bachelor's Degree in Business Administration** – Mackenzie Presbyterian University (2022–2023)

Technical Skills

- **Programming Languages:** Python, R, JavaScript, SQL
- **Data Science Tools:** Pandas, NumPy, Matplotlib, Seaborn
- **Machine Learning Libraries:** Scikit-learn, Tensor Flow
- **Web Development:** HTML, CSS, JavaScript, React, Node.js
- **Databases:** MySQL, PostgreSQL, SQL Server

Experiência

• **Data Science (Volunteer) – Green Team Hacker Club UFABC** – University group where I contribute to predictive modeling and data analysis projects using Python, focusing on real-world applications and academic research.

• **Personal Project 01 (Frontend) – My Web Portfolio** – During my self-studies, in my free time, in frontend and web development, as a practical way to study and apply my theoretical knowledge, I sought to create my own website that functions as my professional portfolio.

→ **Execution:** It was challenging because it was something new, but I enjoyed the process and acquired a lot of knowledge.

→ **Used Tools:** React, Next.js, HTML, JavaScript.

• **Personal Project 02 (Backend) – Social Media Data Analyzer** – Also during my self-studies in my free time, as a way to apply my knowledge, I developed a data analyzer from a social media platform, in this case, Reddit!

→ **Challenge:** I had a problem – my initial plan was to use the X (Twitter) API, but during the execution of the process, I realized that the API in question couldn't provide the desired data, so I looked for an alternative solution with a new API and got the desired result!

→ **Used tools:** Python, Reddit API (PRAW), FastAPI, Streamlit, Pandas, etc.

• **Personal Project 03 (ML) – Application of ML algorithms on a public database** – During one of my university assignments, with a group of colleagues, we applied 3 machine learning algorithms on a selected database!

→ **Execution:** I was responsible for selecting and processing the data, but I actively participated in the entire process of applying the algorithms and analyzing their results.

→ **Used Tools:** RStudio, Tidymverse, Random Forest, SVM, Boosting Trees.

• **Personal Project 04 (AI) – Chatbot (Still in development)** – Developing an interactive chatbot in my free time.

→ **I'm using the following tools:** TensorFlow, Scikit-learn, Python.

• **Personal Project 05 (Data) – Interactive dashboard with public data** – Developing a dynamic visual panel for exploratory analysis of public datasets.

→ **I'm using the following tools:** Python, Streamlit, Pandas, NumPy, Matplotlib, Seaborn.

Check all results here: <https://portfolio-six-ecru.vercel.app/>

Languages

Portuguese (Native) | **English** (Advanced – Fluent in reading, writing, and speaking) | **Spanish** (Basic)

Vision

I seek to further develop myself in software engineering, AI, data, and ML, integrating knowledge from other fields such as physics and mathematics. I believe in interdisciplinarity as a foundation for creating solid and innovative technical solutions.