

# Josué Marcos da Silva

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Web-Portifólio → <https://portifolio-six-ecru.vercel.app/>

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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 (2023–2026)
- **Bachelor's Degree in Business Administration** – Mackenzie Presbyterian University (2022–2023)

## Technical Skills

- **Programming Languages:** C, Python, R, JavaScript, SQL
- **Data Science Tools:** Pandas, NumPy, Matplotlib, Seaborn, Excel
- **Machine Learning Libraries:** Scikit-learn, Tensor Flow, RAG
- **Software Tools:** RESTful API, JWT Authentication
- **Backend Frameworks:** Fast API, Flask
- **DevOps & Systems:** Docker, Linux
- **Web Development:** HTML, CSS, JavaScript, React, Node.js
- **Databases:** MySQL, PostgreSQL, SQL Server, SQL Alchemy

## Experiência

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

• **Data Science (Advanced Data Team Manager) – Green Team Hacker Club UFABC** – After one year as a member of the Green Team, I currently act as the manager of the advanced data division, responsible for the chatbot project and for mentoring and teaching new members.

• **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) – TaskFlow API** – RESTful Task Management API developed during my vacation to deepen my backend knowledge. Implements full CRUD operations with a modular architecture, authentication, and a strong focus on clean code and best practices.

→ **Execution:** My most challenging project so far, developed independently, requiring extensive debugging, problem-solving, and resilience to deliver a fully functional solution.

→ **Used tools:** Python, Fast API, REST API, CRUD, SQL Alchemy, Postgres SQL, Linux, Docker, JWT Authentication.

• **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, Tidyverse, Random Forest, SVM, Boosting Trees.**

• **Group Project 04 (AI) – UFABC Data Chatbot (Still in development)** – Coordinating the development of an interactive chatbot in collaboration with the data team of my academic organization (GTHC).

→ **Tools: RAG, Flask, 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.**

**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.