VINICIUS SANTA CATARINA

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PROFILE

Software Engineering student and Data Analyst Intern with experience in SQL queries, data analysis, database integration, and process automation in a healthcare environment. Strong background in software development using Python, Java, and JavaScript, with hands-on experience in academic projects involving computer vision, web systems, and data-driven applications. Motivated to grow in software testing, data analysis, and system development.

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, C
Frameworks & Libraries React, Flutter, Express, TensorFlow, Flask
Databases: MySQL, PostgreSQL, Oracle, FireBase Realtime Database / Firestore
Tools: Git, GitHub, Docker, Visual Studio Code
Methodologies: Scrum, Kanban

SOFT SKILLS

- Teamwork
- Effective communication
- Problem solving
- Proactivity
- Fast learner

PROFESSIONAL EXPERIENCE

Data Analyst Intern - Hospital Santa Casa de Alegrete
11/2025 - Present

- Performed data analysis, validation, and organization in a hospital environment supporting administrative, healthcare, and billing processes.
- Developed advanced SQL queries for cross-database analysis and reporting.
- Conducted data audits to identify inconsistencies and improve data quality.
- Automated internal routines, increasing operational efficiency and reducing manual workload.
- Generated analytical insights to support decision-making and continuous improvement.

ACADEMIC EDUCATION

Bachelor of Software Engineering – Federal University of Pampa (UNIPAMPA)
Expected Graduation: July 2026

Technical Degree in Information Technology – Federal Institute Farroupilha
2019–2021

ACADEMIC PROJECTS

Final Project - Rice Panicle Detection and Tracking with YOLOv8 and DeepSORT (2025)

- Developed a computer vision system for object detection and tracking applied to precision agriculture.
- Trained and evaluated deep learning models using YOLOv8.
- Implemented multi-object tracking with DeepSORT.
- Performed dataset preprocessing, model evaluation, and performance analysis.

Scheduling System (2024)

- Developed a web-based scheduling and booking system using JavaScript and React.
- Implemented customer, company, and service management features.

Car Rental System (2023)

- Built a backend system in Java for vehicle, customer, and rental transaction management.

Truth Table Application (2023)

- Collaborated on a Flutter application for interactive logic learning and visualization.

Final Project: Hardware and Software Research Forum (2021)

- Developed a PHP-based web system with user management and Q&A features for research support.

LANGUAGES

English (Basic)
Spanish (Intermediate)
Portuguese (Native)