

# Murilo Dias da Costa

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## SKILLS

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**Languages & Frameworks:** Java, Spring Framework (Boot, MVC, Data JPA, Security)

**Architecture:** Microservices, RESTful APIs, RabbitMQ

**Databases:** PostgreSQL, MySQL, Oracle DB, MongoDB

**DevOps & Infrastructure:** Docker, Pipelines CI/CD

**Tools & Testing:** Git & GitHub, JUnit 5, Maven, Postman

**Languages:** Portuguese (Native), English (B2 - Professional Fluency), Spanish (Intermediate)

## PROFESSIONAL EXPERIENCE

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### Junior Software Engineer - Fiocamp

Apr 2025 — Present

- Developed an integration middleware between Sankhya ERP and 4 marketplaces (Amazon, Shopee, Mercado Livre, Tray) using Java, eliminating 12 hours/week of manual order processing, pricing, labeling, and invoicing work — resulting in a 100% reduction in manual errors in the workflow.
- Identified critical bottlenecks in Sankhya ERP jobs and optimized SQL queries and search logic, reducing average execution time from 580s to 290s — improving daily server performance across the entire client operation with no infrastructure changes.
- Designed and implemented strategic KPI dashboards in JSP/HTML integrated directly into the ERP, offering real-time visibility into commercial goals — helping to raise annual goal achievement from 70% to 90%, representing a direct increase in revenue.

*Tech Stack: Java, Maven, SQL, JSP, Oracle DB*

### Junior Systems Analyst - Sankhya (BP Indaiatuba)

Sep 2023 — Mar 2025

- Developed automations in Java (ScheduledAction and EPJ) and SQL (Triggers and Procedures) for commercial, financial, and logistical routines of Sankhya ERP clients, reducing manual processing time and increasing operational agility in critical business processes.
- Created corporate reports using JasperReports/iReport integrated with MySQL and Oracle databases, delivering analytical visibility for operations and management teams with real-time data.

*Tech Stack: Java, SQL, Oracle DB, MySQL, iReport, JasperReports*

## EDUCATION

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### Bachelor of Science in Computer Science

Expected Graduation: Dec 2026

Centro Universitário Max Planck (UniMAX) - Indaiatuba, SP, Brazil

*Relevant Coursework: Algorithms and Data Structures, Machine Learning, Databases, Cloud Computing, OOP*

## PROJECTS

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### Enterprise E-commerce Middleware

Fiocamp (Private Repository)

- An integration middleware that connects Sankhya ERP to major marketplaces. Engineered to automate order processing and fiscal workflows.

*Tech Stack: Java, Maven, SQL, ERP Integration, REST APIs*

### Gym MasterSys API

- A production-ready backend system for fitness management. Implements secure JWT authentication, relational data modeling, automated billing flows, and comprehensive business logic validation.

*Tech Stack: Java, Spring Framework, PostgreSQL, Flyway, Hibernate, Maven*

### Iris AI

Academic Contribution / College Project

- A full-stack pipeline for medical exam classification driven by deep learning. Features an analytical backend integrating convolutional neural network models.

*Tech Stack: TypeScript, React, Vite, Flask, Python, TensorFlow*