

Matheus Sobral da Silva

SOFTWARE ENGINEER · PROGRAMMING INSTRUCTOR · TECH EDUCATOR

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Professional Profile

Back-End Developer with **over 2 years of experience** in IT, working on the development of large-scale Java systems with **over 2 million downloads in production**. Solid experience in modular architecture, focusing on high performance, scalability, and complex API integration. Experience with **Java** and **Spring Boot**, using **Redis**, **SQL**, and **AWS** in real environments, applying principles of **Clean Code**, **Domain-Driven Design**, and **Software Architecture** to build robust and scalable **REST APIs**, following software engineering best practices.

Education

UNESA - Estácio de Sá University

Rio de Janeiro

B.Sc. IN COMPUTER SCIENCE (IN PROGRESS)

Oct. 2025 - Oct. 2029

- Training focused on **software engineering**, **cloud computing (AWS, AZURE)**, **web development**, **back-end development**, **database modeling**, and **systems architecture**, with an emphasis on computing fundamentals and best development practices.

Experience

Overwolf Ltd.

Remote

SOFTWARE DEVELOPER

Dez. 2023 - Current

- Development and maintenance of **large-scale Java applications**, with over **2 million downloads in production**
- Responsible for the complete development cycle, **including implementation, testing, debugging, and bug fixing**
- Optimization of memory usage and **real-time client-server communication**
- Worked with **modular architecture** and **object-oriented programming**, focusing on scalability, extensibility, and performance
- Deep integration with complex APIs (Forge, Mixin), including **bytecode manipulation** at runtime to extend the behavior of existing systems

Freelancer

Remote

PROGRAMMING INSTRUCTOR & TECH EDUCATOR

Jul. 2024 - Current

- Practical teaching of **Java**, **CSharp**, **C**, and **Software Architecture**, with a focus on game development and high-performance systems
- Training and mentoring of hundreds of students, from beginner to advanced levels, with a focus on solid fundamentals and clean code
- Creation of educational projects involving **OOP**, **data structures**, modular architecture, and design patterns
- Technical guidance on best practices in software engineering, debugging, performance, and organization of real projects
- Development of technical communication skills, leadership, and clear explanation of complex concepts

CRM System with Risk Analysis (SAAS)

Remote

FULL-STACK DEVELOPER WITH A FOCUS ON BACK-END

Oct. 2025 - Current

- Design and implementation of a **multi-service CRM system**, focused on automatic risk analysis and customer management
- Development of the main backend in **Java 17 with Spring Boot**, using **JWT** for authentication and well-defined **REST APIs**
- Creation of a **decoupled service in Python (FastAPI)** for analytics and generation of **professional Excel reports**
- Use of **Redis** as a cache layer for dashboards and critical endpoints, reducing latency and database accesses
- Relational modeling and data persistence in **PostgreSQL**
- Integration with frontend in **React**, allowing visualization of metrics, graphs, and administrative dashboards
- Containerization and execution of services with **Docker**, ensuring reproducible environments

Skills & Stack

Programming Languages

Java, Python, CSharp, JavaScript

Back-end

Java (Spring Boot), REST APIs, JWT authentication, modular architecture, distributed systems

Front-end

React, Tailwind CSS, HTML5, CSS3

Database & Cache

PostgreSQL, SQL, Redis

Infrastructure & Cloud

Docker, Docker Compose, AWS, Linux, CI/CD pipelines, build automation

Architecture & Best Practices

Clean Code, Domain-Driven Design (DDD), Software Architecture, API Design

Tools

Git, Maven, Jira

Languages

Advanced English (C1)