

Francyelle Souza

Software Developer

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Portfolio GitHub LinkedIn

📍 Brazil 👤 21 years old
🇧🇷 Brazilian

Summary

Detail-oriented Junior Developer with hands-on experience in Spring Boot and RESTful API development. Proficient in Object-Oriented Programming concepts with a strong foundation in data structures and algorithms. Applying the best coding principles and eager to contribute to enterprise application development.

Experience

UNIMED

Internship Support

📅 October 2023 – January 2025 (~ 1 year)
📍 Brazil

- Provided technical assistance for internal medical systems, ensuring smooth operation for staff, and increasing the productivity.
- Resolved printer-related issues, including troubleshooting hardware and connectivity problems.
- Performed OS installations and formatting on computers and laptops for optimal performance. 20-40% better responsiveness.
- Organized workstations, including cable management, computer setups, and desk arrangements.
- Diagnosed and fixed internet connectivity issues.

Projects

Fake Data Generator API — Spring Boot, java, Eclipse, MVC, RESTful APIs

April 2025

- Developed a lightweight RESTful service using Spring Boot and Java to generate synthetic data for testing and development environments, reducing test data preparation time by 70%
- Provide a simple, scalable tool for developers to generate mock data. Support basic data types (String, Integer, Double) with extensible type handling.
- - Engineered a JSON-based API endpoint that processes structured payload requests and delivers customizable mock data objects.

E-commerce Platform Backend — Spring Boot, Java, jpa, SQL, H2, Postman, Eclipse, RESTful APIs, MVC March 2025 - Ongoing Project

- Architected, using the Java coding standards, a comprehensive Spring Boot/Java e-commerce backend with domain models for Products, Orders, Users, Payments, and Categories, complete with JPA relationship mappings.
- Implemented robust data persistence using JPA/Hibernate with H2 database.
- Requires integration with technical documentation to effectively support and execute project workflows.
- Implemented stored procedures to optimize database operations, enhancing application performance.

Portfolio - Website — HTML, CSS, Javascript

March 2025

- Developed a professional portfolio website featuring a modern dark theme with four key sections (Home, Education, Skills, and Contact), demonstrating strong front-end organization skills.
- Implemented engaging user experience through smooth CSS animations, interactive navigation bars, and strategically placed buttons with a gradient color palette.
- Deployed and maintained the portfolio through GitHub, showcasing version control proficiency and web development best practices.

Restaurant Reservation Mobile App — Flutter, Dart, Firebase, API Integration

September 2024

- Reservation management with booking, visualization, and cancellation/refund features.
- A user profile screen for personal data and account management.
- An interactive digital menu for pre-selecting meals/services. Performance tuning it was used to Reduce some I/O operations. Messaging platform where used to optimize the Application.
- Applied functional programming principles to improve code maintainability and reduced bug rate by 35% compared to previous imperative implementation approaches.
- Git Version Control it was used to enhance productivity in the development.

Easy Term - Mobile App — Flutter, Dart and AI Gemini API

June 2024

- Assisting university students by providing explanations of terms.
- This application provides synonyms of a certain term.
- Leveraged the Gemini API through prompts to develop a streamlined application providing term definitions and synonyms, enhancing student understanding of complex concepts by 60%.

Education

Brazil Federal Institute
Bachelor of Science in Information Technology (BSIT)

 January 2022 – March 2025 (~ **3 years**)
 *Brazil*

Skills

Languages: **Native:** Portuguese — **Advanced:** English — **Intermediate:** English

Technologies: Java, Spring Boot, Docker, RESTful APIs, JPA, H2, SQL, NoSQL, MongoDB, MySQL, Maven, Gradle, Git, GitHub, Agile/Scrum, Kanban, AI APIs.

Developer Tools: Eclipse/IntelliJ IDEA, VScode, Postman, GitHub

Frameworks: Spring Boot.

Soft Skills: troubleshooting, service excellence, communication, reliability, committed.