

# Francyelle Souza

## Software Engineer I

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Portfolio   GitHub   LinkedIn

📍 Brazil   👤 21 years old  
🇧🇷 Brazilian

## Summary

Detail-oriented Junior Software Engineer with hands-on experience in Java, 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.

## 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.

### Portfolio - Website — HTML5, CSS3, 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.
- 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.

## Education

### Instituto Federal de Rondônia

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, commitment.