Andrêy Martins Ferraz

JAVA BACKEND DEVELOPER

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CAREER OBJECTIVE

To contribute as a backend developer, applying experience in microservices, REST APIs, clean code, and modern software development practices.

PROFESSIONAL SUMMARY

Software developer with over five years of web development experience, including work dating back to 2015, and an increasing focus on Java backend development. Experienced in the Spring Framework, REST API development, unit and integration testing, refactoring, and code migration. Strong knowledge of other technologies, with a successful transition to the Java ecosystem.

PROFESSIONAL EXPERIENCE

Unimed Ceará | Oct 2024 - Present

Provider of health insurance plans, medical care, and hospital services.

Java Backend Developer | Oct 2024 - Present

- Develop and maintain microservices for the Core project, ensuring scalability and performance.
- Develop unit and integration tests to ensure the quality of delivered code.
- Implement forwarding and integrations between Core and the BFF, improving communication between systems.
- Create jobs and automated processes for the Push Notifications project, improving notification efficiency and the user experience.
- Refactor and standardize legacy code to support continuous improvement and system consistency.
- Migrate legacy projects and projects developed in other languages to Java, improving compatibility and code efficiency.
- Use the Spring Framework to develop REST APIs, integrate databases, and configure security.

PROFESSIONAL EXPERIENCE - CONTINUED

Grupo Portfolio | Feb 2022 - Sep 2024

Technology consulting company specializing in staffing IT professionals.

Java Backend Developer | Jan 2023 - Sep 2024

Assigned to Unimed Ceará

- Developed and maintained Java backend applications, delivering robust and scalable solutions.
- Implemented agile practices using Jira to support efficient project management.
- Used Git for version control, supporting team collaboration and code version management.

Quality Assurance (QA) and IT Assistant | Feb 2022 - Dec 2022

Assigned to Unimed Ceará

- Prepared detailed technical documentation, including test plans, use cases, and reports, ensuring traceability and clarity in quality assurance processes.
- Prepared and maintained meeting minutes, documenting decisions, action plans, and outstanding items to support effective communication across teams.
- Implemented and executed integration tests using Postman to validate communication and interactions between system modules and services, ensuring system cohesion and functionality.
- Collaborated with developers to identify and reproduce defects, providing detailed information to support fixes and continuous system improvement.

EDUCATION

Undergraduate Program in Artificial Intelligence and Machine Learning

Uniasselvi | Expected completion: Jul 2027

Undergraduate Studies in Systems Analysis and Development

FASG/IESG | Feb 2014 - Dec 2017
Program partially completed (90%); degree not completed.

COURSES AND TRAINING

Java Development with AWS Cloud | DIO | 2023

Creating Unit Tests with Generative AI | DIO | 2023

BPM: Transforming Organizations Through Processes
Grupo Portfolio | 2022

LANGUAGES

English: Reading and writing skills; basic comprehension of spoken English.