Miguel Augusto Sales do Amaral

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Backend Developer

Professional with experience in backend development, focusing on building scalable APIs and organized architectures, following SOLID principles and best development practices. Skilled in Java (Spring Boot) and Node.js (TypeScript), with experience in Docker, CI/CD (Jenkins, GitHub Actions), automated testing (JUnit, Mockito, TDD). Works with relational and non-relational databases (MySQL, PostgreSQL, MongoDB, MS SQL Server), ensuring efficiency and performance. Always seeking continuous learning and technical improvement.

Technical Skills

• Languages: Java, Node.js, TypeScript, and JavaScript

• Web: React.js, JQuery, Ajax, Bootstrap, HTML, CSS, XML

• Web Services: REST, SOAP, JSON Services

• J2EE Technologies: Spring, Spring Boot, Spring Batch, Hibernate, JDBC, JPA

• Databases: Oracle, SQL Server, PostgreSQL, Redis, MySQL

• Test Automation: JUnit, Selenium

• DevOps: Docker, AWS

• Experience with the software development lifecycle

• Quick learner, with easy adaptation to new technologies and processes

• Knowledge in Test Driven Development (TDD)

• Ability to write clean and scalable code

• Solve problems efficiently and learn new technologies quickly.

• English: C1 (Advanced)

Professional Experience

Junior Backend Developer
HubI - i.de.i.a.S Incubator, Recife | 01/2025 - Present

An innovative project connecting students, teachers, entrepreneurs, and companies to turn ideas into real solutions. The platform facilitates the continuity of academic projects and their integration with startups and incubators.

• Backend development using Java with Spring Boot.

• Dockerization of the server and automated deploy on Ubuntu Server.

• Implementation of integration between services and external APIs.

• Collaboration in implementing frontend functionalities.

• Technologies used: Java (Spring Boot), Next.js (TypeScript), PostgreSQL, Docker, Ubuntu Server, Apache.

Backend Developer
Senac/Fecomércio-PE, Recife | 12/2024 - 01/2025

Development of a web application for managing and tracking the NRF 2025 Mission, enabling communication and organization among participants of the NRF Retail's Big Show 2025 event.

• Built RESTful API with JWT authentication.

• Implemented CI/CD pipeline for deployment automation.

• Managed PostgreSQL databases for storing participant information.

• Technologies used: Node.js (TypeScript), PostgreSQL, Docker.

System Analyst
ScriptCase (RAD) | 08/2023 - Present

Responsible for providing technical support and maintaining systems for national and international clients. Focused on troubleshooting, performance optimization, and integrating new features.

• Resolved technical incidents in web applications.

• Configured and managed web environments (Apache, PHP, databases).

• Automated and scaled applications using Docker.

• Tested and validated functionalities in controlled environments.

• Tools used: PHP, Apache, Docker, Git, Jenkins, Zoho Assist, AnyDesk.

Academic Background

🎓 Analysis and Software Development – Faculdade Senac PE

08/2023 - 12/2025 (Expected completion)

Differentiators

• Experience with backend and API development

• Skills in relational and non-relational databases

• Ability to work in collaborative environments and agile methodologies

• Process optimization and automation using Docker and CI/CD (Jenkins)

🚀 Looking for opportunities to further develop my career as a backend developer!