

João Santos

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Skills

Programming Languages: Java (8/11/17/21), Python, JavaScript, TypeScript.

Frameworks & Libraries: Spring Boot, Spring Data, Spring Web, Spring Security, Node.js, Express.js, Angular, React.

Databases: PostgreSQL, Oracle, MySQL, Sybase, MongoDB, Redis.

Messaging: Apache Kafka.

Cloud & DevOps: AWS (EC2, S3), Cloudflare R2, Docker, CI/CD, Grafana.

Tools & Version Control: Git, GitFlow, Maven, Gradle.

Testing: JUnit, Mockito.

Architecture & Best Practices: Microservices Architecture, RESTful API, SOLID, Event-Driven, Clean Architecture, MVC, Hexagonal.

Methodologies: Scrum/Agile.

AI & Productivity Tools: Claude Code, GitHub Copilot, MCP (Model Context Protocol), Prompt Engineering.

Experience

Full-Stack Developer, Edenred Ticket Log – Remote

July 2023 – Present

- Develop and maintain scalable RESTful APIs using Java, Spring Boot, and Spring Security, focusing on security and high availability.
- Optimize complex queries in Oracle and PostgreSQL databases using JPA/Hibernate and native SQL, improving the performance of reporting modules.
- Refactor legacy modules applying SOLID and Clean Code principles, increasing maintainability and reducing technical debt.
- Work on frontend modernization (Angular), efficiently integrating it with the backend.
- Collaborate with architects on technical discussions and architecture evolution, contributing with technical insight on new features.

Back-End Developer, DBC Company – Remote

January 2023 – July 2023

- Developed backend applications with Spring Boot, working across the entire cycle: implementation, testing, UAT (User Acceptance Testing), and deployment.
- Integrated microservices via OpenFeign, implementing resilient REST communication between distributed components.
- Implemented unit and integration tests with JUnit and Mockito, applying TDD practices.
- Developed RESTful endpoints and integrated with external systems following Clean Code and Design Patterns best practices.

Education

Centro Universitário das Américas – B.Sc. in Computer Engineering

December 2025