Contact

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Top Skills

JSON
HTML
PL/SQL

Languages

Inglês (Elementary)

Certifications

Tech Lead

Microsserviços na prática:
entendendo a tomada de decisões

Redux   Zustand

Marcelo Hernandes

Seniro Software Engenieer | Java | Spring | Cloud | Fullstack
developer | CI/CD | Docker | React | Nodejs | Typescript | API |
Backend
Sorocaba, São Paulo, Brazil

Summary

I have been working in the technology field since 1990, driven by
the purpose of developing systemic solutions that digitize processes
and solve real-world business challenges. My journey is defined
by constant evolution: from fundamental software development to
delivering complex architectures for large corporations.

Today, I combine this deep problem-solving background with a
modern technological stack, utilizing Java, Cloud Computing, and
Distributed Architectures to create robust and scalable systems.

My role as a Senior Developer involves:

Modernization & Cloud Native: Direct involvement in building and
migrating microservices to the cloud (AWS/GCP), applying 12-Factor
App standards, Containers (Docker/Kubernetes), and Observability
strategies to ensure application health and performance.

Architecture & Technical Collaboration: Active participation in
architectural discussions and technical decisions within teams.
I collaborate on designing solutions based on Event-Driven
Architecture (Kafka/PubSub) and asynchronous processing,
ensuring the chosen technology efficiently addresses business pain
points with low coupling.

Critical Systems & Integrations: Solid experience in developing high-
volume APIs (Bank as a Service) and complex financial integrations
(Payment Gateways), always focusing on security, data consistency,
and resilience (Zero Downtime).

I am a professional who values knowledge sharing and teamwork,
constantly seeking to apply software engineering best practices to
deliver continuous value.

Tech Stack: Java 21, Spring Boot, Cloud (AWS/GCP), Kafka, Microservices, Clean Architecture, CI/CD, Observability.

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Experience

Foursys
Java Senior Developer Backend
March 2025 - February 2026 (1 year)
São Paulo, Brasil

Cloud Migration: Executed critical migration of the Debt Communication product (Equifax/Boa Vista) to GCP with zero downtime, modernizing services to Java 21.

Data Architecture: Implemented massive asynchronous processing (Event-Driven) utilizing Spring Batch, Pub/Sub, and GCP Buckets, ensuring consistency between mainframe and cloud platforms.

Security (GDPR/LGPD): Created standardized core cryptography libraries adopted transversally by teams to protect sensitive data (PII), enhancing the ecosystem's security maturity.

Techs: Java 21, Spring Boot, GCP Cloud, Spring Batch, PubSub, Bucket, Jenkis, Postgres, EDA

NAVA - Technology for Business
Senior Java Developer
September 2023 - March 2025 (1 year 7 months)
São Paulo, Brazil

BaaS & High Volume: Developed critical Bank as a Service APIs (Santander), supporting the processing of millions of daily transactions with a focus on scalability.

Security Gateway: Implemented a robust security layer using Apache Camel as a Security Gateway in front of microservices, centralizing authentication and shielding the Java backend.

Resilience: Designed event-driven architecture with Kafka and Oracle to ensure transactional consistency and fault tolerance (Circuit Breaker/Retry) in financial flows.

Techs: Java, Spring Boot, Apache Camel, Kafka, Oracle, AWS.

Avanade
Senior Software Developer
November 2019 - March 2023 (3 years 5 months)
São Paulo Area, Brazil

Mainframe Modernization: Played a strategic role in rewriting legacy services (COBOL) into Java microservices, resulting in reduced operational costs (MIPS) and increased business agility.

Integration & ACL: Utilized Apache Camel as an Anti-Corruption Layer (ACL) to translate and isolate complex legacy rules, enabling the development of new features without coupling.

Clean Architecture: Applied clean architecture principles to ensure testability, code quality, and infrastructure decoupling during the technological transition at Banco Santander.

Techs: Java, Spring Boot, Apache Camel, Azure, Oracle, Mainframe Integration.

Samurai Experts - LWSA
Java Developer
August 2018 - October 2019 (1 year 3 months)
Sao Paulo

Checkout Optimization (CRO): Developed and integrated Transparent Checkout solutions with PayPal (PayPal Plus), eliminating external redirects and significantly reducing cart abandonment rates for high-performance stores.

Payment Engineering: Implemented microservices and custom Webhooks for automatic order reconciliation (IPN - Instant Payment Notification), ensuring communication failures did not result in financial inconsistencies.

Shopify Backend: Developed Private Apps using Node.js and Java to extend native platform capabilities, meeting complex business rules for enterprise merchants.

Tech Stack: Java, Node.js, Shopify Admin API, PayPal Plus REST API, Webhooks, Redis, Docker, OAuth2.

Edesoft Desenvolvimento de software
System Developer
January 2014 - July 2018 (4 years 7 months)
São Paulo Area, Brazil

System Integration: Focused on the development and support of hybrid systems (Web/Desktop), ensuring critical integration between Java 8, Delphi, and ERPs (SAP/Totvs) via REST APIs.

Techs: Java 8, Delphi, REST APIs, SQL.

Atias Mihael Ltda
System Analyst
January 1990 - September 2013 (23 years 9 months)

Entrepreneurship & Digital Transformation: For over 20 years, acted as a strategic tech partner for SMEs. Led end-to-end digitization projects, from infrastructure to final software delivery, transforming analog processes into digital solutions.

Impact: 360º business vision and full-cycle problem solving.

Education

Full Cycle
Postgraduate Degree, Software Engineering with AI · (December 2025 - November 2026)

Full Cycle
Postgraduate Degree, Architecture · (May 2024 - December 2025)

Uninove - Universidade Nove de Julho
Bacharelado, Information Technology Management · (2018 - 2021)