


Matheus Henrique Miranda

Full Stack Software Developer

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I'm a Full Stack Developer with experience building and maintaining web and mobile applications, working across backend (Java, Spring Boot, Microservices), frontend (React, Angular, TypeScript, Flutter), and SQL/NoSQL databases. I deliver scalable and high-performance solutions, with strong expertise in RESTful APIs and Event-Driven Architecture (Kafka, RabbitMQ). I apply Domain-Driven Design (DDD), TDD, and CI/CD pipelines with Jenkins, along with SOLID principles, Clean Code, and Clean Architecture to ensure high-quality, maintainable, and testable software. I stay focused on applying the best engineering practices and the most appropriate design patterns for each project.

Technical Skills

- Java
- Spring Boot
- REST APIs
- Microservices
- Kafka
- RabbitMQ
- API Gateway
- Multithreading
- Streams
- Schedulers
- JPA/Hibernate
- JDBC
- React
- Angular
- TypeScript
- Node.js
- Flutter
- MySQL
- PostgreSQL
- MongoDB
- Redis
- Jenkins
- Docker
- Scrum

Soft Skills

- Problem-Solving
- Proactivity
- Adaptability
- Communication
- Teamwork
- Conflict Resolution
- Critical Thinking
- Creativity
- Time Management
- Continuous Learning
- Emotional Intelligence

Certifications

Java and Spring Boot

Alura | 76 hours | [view certificate](#)

Java and Object-Oriented Programming

Alura | 70 hours | [view certificate](#)

Languages

Portuguese — Native

English — Intermediate

Education

Universidade Federal do Paraná - UFPR

Associate Degree in Systems Analysis and Development

Feb/2022 – Dec/2024

Professional Experience

Full Stack Software Developer

Dixi Vext Comércio de Equipamentos Eletrônicos e Sistemas Ltda

Apr/2023 – Present

I work as a Full Stack Developer, evolving and maintaining web and mobile applications for electronic time-tracking. I have experience across backend, frontend, and databases, delivering scalable, high-performance, and maintainable solutions. I work in an agile environment (Scrum) and have solid experience with data modeling, performance optimization, and integration of distributed systems.

- I developed and optimized RESTful APIs in Java using Spring Boot, Spring Data JPA, Spring MVC, and Spring Security (JWT), as well as asynchronous integrations with Kafka and AMQP. I applied Streams, Lambdas, and Multithreading to increase throughput, reduce latency, and improve concurrent processing.
- I designed and implemented responsive components in React and Flutter, applying best practices in state management and performance to deliver consistent and fluid interfaces.
- I modeled data and optimized complex queries in MySQL, choosing between JPA/Hibernate, Native Queries, or JDBC depending on the use case—always prioritizing performance and maintainability.
- I built asynchronous microservices using Kafka and Redis, leveraging Scheduler for scheduled tasks and RLock for distributed synchronization, ensuring scalability and reliability.
- I implemented automated tests with JUnit and Mockito and contributed to CI/CD pipelines using Jenkins, automating builds, tests, and deployments.
- I applied architectural patterns (Layered Architecture, MVC, Service Layer, and Repository Pattern), following Hexagonal Architecture principles (Ports & Adapters), and essential design patterns (Builder, Factory Method, Strategy, and Facade), ensuring high maintainability.
- I versioned code with Git and collaborated with distributed teams using Bitbucket, Jira, and Confluence.