Alexandre Vieira

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Summary

As a seasoned software engineer with a focus on Java and Spring technologies, I thrive in challenging environments that foster collaboration, knowledge sharing, and diverse experiences. I believe that collective success is achieved through teamwork and embracing different cultures, making a positive impact on company growth.

My skill set includes software development in Java and Spring, building web and Android applications, designing REST APIs and microservices architecture,
and proficiency in various databases, including SQL and NoSQL. I also excel in message queuing (Kafka, RabbitMQ), containerization (Docker), and unit testing (JUnit).

In addition to my technical expertise, I'm deeply passionate about staying at the cutting edge of technology, constantly seeking opportunities for professional growth. I also hold a degree in Analysis and Systems Development, which further enhanced my skills and ensured I deliver the highest quality solutions.

During my career, I've achieved notable milestones, such as spearheading the transformation of the global beverage distribution industry through the creation of an app used by over 2.5 million users across 15+ countries. Additionally, my dedication to mentoring junior developers has not only fostered their growth but has also resulted in my own career advancement and promotions.

Besides my technical expertise, I'm multilingual, with advanced proficiency in English and Spanish, as well as being a native Portuguese speaker.

In my free time, I've undertaken personal projects like Rely.on, a volunteer work I manage for career acceleration, and Seafish, an Android game with over 5,000 downloads on the Play Store.

Experience

Senior Software Engineer
Iteris Consultoria e Software

Jul 2022 - Present (1 year 3 months)

● Provided valuable mentorship to junior developers, fostering a collaborative learning environment by engaging in knowledge sharing sessions and accelerating their professional growth. Additionally, I served as a technical reference for Java/Spring subjects, which resulted in their promotions.

● Revamped the existing system within the Financial market into a user-friendly interface through well-crafted REST APIs, using Java and Spring technologies. This effort led to increased client satisfaction and an impressive 80% reduction in service misuse.

● Engineered REST APIs with precision, employing Swagger and Stoplight for meticulous documentation. This approach streamlined communication across diverse teams and stakeholders, resulting in a remarkable 60% reduction in client complaints.

Senior Software Engineer
NTT DATA Europe & Latam
Mar 2021 - Jul 2022 (1 year 5 months)

● Spearheaded the conception and development of a unified system, consolidating multiple applications into a single app. This impactful solution, empowered by Java, Spring, RabbitMQ, Docker, and MongoDB, reshaped the beverage distribution industry on a global scale, benefiting over 2.5 million users across 15 countries.

● Enhanced API quality by implementing unit and integration tests for over 80% of the code base using Junit and Mockito. This fortified the project's scalability and laid a sturdy groundwork for future expansion.

● Offered invaluable guidance to junior team members, cultivating an atmosphere of collaborative learning by promoting knowledge sharing sessions that fast-tracked their career advancement. Additionally, I served as a technical reference for Java and Spring related subjects, which contributed to their well-deserved promotions.

Software Engineer
Safetech Informática
Aug 2020 - Mar 2021 (8 months)

● Designed and developed robust REST APIs tailored to the specific needs of the pharmaceutical sector, capable of supporting high-demand requests during peak sales periods. This achievement, made possible with Java, Spring, Kafka and MongoDB, ensured seamless integration with critical systems and services while improving customer experience and increasing sales revenue.

● Elevated API excellence by employing thorough development and optimization strategies, incorporating unit and integration testing across more than 85% of the codebase using Junit and Mochito. This strengthened the project's ability to scale and established a robust foundation for prospective growth.

Software Engineer
Conectivida
Jun 2019 - Aug 2020 (1 year 3 months)

● Coordinated the parallel development of Android and web applications, encompassing both backend and frontend aspects, for a cutting-edge system/app in the medical/healthcare domain. By harnessing the capabilities of Java, Spring, and Android SDK, this inventive solution triggered a transformative impact on medical and educational realms. Its role in enhancing accessibility and significantly curtailing costs paved the way for the company's rapid expansion.

● Contributed significantly to the system's design, ensuring seamless integration between the Android and web versions, and optimizing user experience across both platforms. Following the principles of Clean Architecture, SOLID and Domain-Driven Design (DDD)

• Successfully published and maintained the Android applications on the respective app stores, ensuring continuous updates and improvements to meet user needs and preferences.

⭐ Software Engineer
Gente Seguradora

Mar 2019 - Jun 2019 (4 months)

• Enhanced SQL query performance by optimizing indexing strategies and query structures, resulting in a notable reduction of up to 60% or 6 seconds in processing time for complex searches across internal systems.

• Orchestrated the conception and implementation of important features adhering to SOLID principles, Clean Architecture, and Test-Driven Development (TDD). Furthermore, meticulously documented these processes, which have now set a benchmark for Java/Spring-based feature development as highlighted in the company's comprehensive guides.

Software Engineer
PROCERGS

Oct 2017 - Feb 2019 (1 year 5 months)

• Successfully managed the migration of a complex COBOL/Visual Basic legacy system to a modern Java web application, This transition not only optimized processes but also improved the efficiency and functionality of the driving licenses domain. Notably, certain modules experienced a significant reduction in processing time by 40% or 5 seconds. This achievement was realized through the integration of Spring MVC, SQL, and Java Server Faces (JSF) technologies.

Education

IFRS - Campus Restinga
Associate's degree, Analysis and Systems Development

Jan 2016 - Jun 2019

This program equipped me with a comprehensive understanding of software engineering principles, database management, and system analysis. Throughout my studies, I gained hands-on experience in designing, developing, and implementing innovative software solutions. My coursework fostered strong problem-solving skills and taught me to approach complex challenges with a systematic and analytical mindset. I am eager to apply the knowledge and skills I've acquired to contribute to the dynamic field of technology, where I can collaborate on impactful projects and contribute to the advancement of software solutions.

Skills

Java • Spring Boot • Microservices • SQL • NoSQL • Apache Kafka • RabbitMQ • JUnit • Azure DevOps Services • REST APIs