Raphael Luiz Nascimento

Senior Software Engineer / Tech Lead
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Profile

I am a Senior Software Engineer with over 15 years of experience specializing in Java and Node.js. I have successfully led cross-functional teams to deliver scalable and efficient software solutions. My expertise lies in cloud-based solutions, software architecture, and team leadership, supported by multiple certifications in Java, Big Data, and cloud technologies.

Key Skills

- **Top Languages & Frameworks:** Java (15+ years), Spring (15+ years), Node.js (4+ years), TypeScript (3+ years), Nestjs (1+ years), Vue.js (5+ years), Python (2 years), Ruby And Rails (2 years)
- **Cloud Technologies:** AWS (5+ years)
- **Event/Stream Processing**: Kafka (3+ years), rabbit mq (2 years)
- **Databases:** Relational DBs (15+ years), AWS Redshift (2 years), NOSQL (mongodb, dynamodb) (2+ years)
- **Big Data:** Spark (2 years), Hadoop (2 years), AWS Kinesis (2 years)
- **Leadership & Collaboration:** Team Lead (5+ years), Mentoring (3+ years), Agile Methodologies (10+ years).
- **Certifications:** AWS Certified Cloud Practitioner, Oracle Certified Master Architect, Spark and Hadoop Developer Certified, 3 Developers Java Certifications

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Professional Experience

Senior Software Engineer/Tech Lead | Article
August 2019 – Present, Vancouver, Canada

- **Led the development and implementation of a Demand and Supply Planning solution**, resulting in a 17% increase in On-Shelf Availability (OSA) and a 13% improvement in Fill Rate, while significantly reducing stock levels. This solution optimized stock management, improved operational efficiency, and enhanced customer satisfaction, all while minimizing excess inventory and saving costs.

- **Stabilized the Mercor purchase order management tool**, reducing support tickets by 60%. Improved the reliability and efficiency of the system, streamlining the process of buying furniture from suppliers and minimizing disruptions in procurement operations.
- **Developed and implemented an automated solution for supplier payment tracking**, generating Google Docs spreadsheets for Purchase Orders. This solution reduced the finance team's report-building time by 10 hours per week, while providing both finance and suppliers with enhanced visibility and tracking of payment status, improving efficiency and accuracy in financial transactions.
- **Acted as a Tech Lead overseeing backend system architectures** using Java/Spring and Node.js/NestJS. Led comprehensive code reviews and mentored junior engineers, fostering best practices and ensuring high-quality code standards across the team.
- **Deployed and monitored applications in AWS Cloud**, building pipeline scripts to automate deployments and improve continuous integration processes. This work ensured seamless updates, enhanced system reliability.
- **Collaborated closely with Product Managers and internal users** to prioritize and understand requirements, translating them into concrete engineering tasks for the development team. Ensured alignment between business needs and technical solutions, driving efficient project execution.

Senior Software Engineer | Resultados Digitais
November 2017 – July 2019, Joinville, Brazil

- Implemented a real-time data processing pipeline using AWS Kinesis, transforming a batching operation into near real-time.
- Led the data processing, consolidation, and cleansing pipeline with AWS Redshift for improved business insights.
- Integrated Google Analytics with Ruby to enhance data tracking and visualization.

Software Architect | Neogrid
November 2012 – October 2017, Joinville, Brazil

- Designed software architecture utilizing Spring technologies, leading projects from conception to deployment.
- Migrated legacy systems to AngularJS and Twitter Bootstrap, improving the UI and frontend experience.
- Transitioned monolithic systems into distributed processing environments, enhancing system scalability.

Software Engineer | GVT - Global Village Telecom
October 2011 – October 2012, Curitiba, Brazil

- Developed and implemented internal sales systems for retail companies, focusing on scalability and usability.

Software Developer | TOTVS
March 2008 – September 2011, Joinville, Brazil

- Developed enterprise-level software using JBoss, EJB, JPA, and Hibernate.
- Collaborated with stakeholders to gather and analyze new requirements for system improvements.

Education

Post-Graduate in Software Engineering
Pontifical Catholic University of Paraná (PUCPR)
Completed September 2008, Curitiba, Brazil

Bachelor of Computer Science
University of Vale do Itajaí (Univali)
Completed July 2004, Itajaí, Brazil

Certifications

- **AWS Certified Cloud Practitioner** – Amazon (April 2024)
- **Oracle Certified Master Architect** – Oracle (June 2011)
- **Spark and Hadoop Developer Certified** – Cloudera (June 2017)
- **Sun Certified Java Programmer (SCJP)** – Oracle (September 2006)
- **Sun Certified Mobile Application Developer (SCMAD)** – Oracle (April 2007)
- **Sun Certified Business Component Developer (SCBCD)** – Oracle (June 2006)

Languages

- English (Fluent)
- Portuguese (Native)