Johnathan Santiago

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Experienced Software Engineer with 7+ years of expertise in Java and Cloud technologies. Proven success in designing scalable web applications, mentoring teams, and implementing Agile methodologies. Quick learner with a passion for innovation and technology.

Education

- MS Computer Science - Maharishi International University (MIU) – Fairfield, IA, USA – June 2023
- Technical Residency Specialization in Legal IT – Federal University UFRN – Natal, Brazil - October 2019
- BS Information Systems - Rio Grande do Norte University Center (UNI-RN) – Natal, Brazil - January 2016

Certifications

- Certified Kubernetes Application Developer (CKAD) - Linux Foundation, August 2024
- API Security Fundamentals - APIsec University, March 2024
- Associate Cloud Engineer Certified - Google, December 2022

Skills

- Programming Languages: Java, JavaScript, C#, Python, SQL.
- Frameworks & Tools: Spring, Quarkus, React, Angular 2+, Docker, Kubernetes, Redis.
- Cloud & DevOps: GCP, PCF, AWS, GitHub Actions, Concourse Pipelines.
- Testing & Monitoring: Neoload, Junit, Wiremock, Cucumber, Grafana, New Relic.
- APIs & Databases: SOAP, REST, GraphQL, Messaging Systems, Relational/NoSQL DBs.

Professional Experience

Senior Software Engineer - October 2024 - Present
The Home Depot - US Remote

- Boosted application performance by 200% by implementing asynchronous endpoints, robust error handling, and intuitive dashboards for seamless monitoring.
- Ensured 100% uptime and seamless data availability by implementing a robust CRDB snapshot system on GKE

Software Engineer - October 2021 - October 2024
Grid Dynamics (Contractor for Home Depot) - US - Remote

- Redesigned legacy Spring Boot REST API resulting in 20% code maintainability improvement by eliminating nesting and enhancing readability.
- Boosted API throughput by 50% and slashed latency from 150ms to 30ms through connection pool optimization and implementation of a Redis cache layer.
- Applied Cucumber-JVM for secure feature migration between legacy and new API, achieving feature parity with 50% less validation time. Increased quality assurance via unit testing, improving code coverage by 80%.
- Amplified product recommendations and user engagement by integrating an internal API tracking users' recently viewed products, driving a 21% increase in banner display frequency.

Software Developer - June 2019 - January 2021
North-Rio-Grandense Research and Culture Foundation (Contractor for UFRN) - Natal, Brazil

- Increased user security and efficiency in SIPAC and SIGAA (Brazilian university tools) by enforcing advanced password rules in SIGADMIN.
- Played a key role in a multi-team effort, collaborating with senior developers and software architects, to transition from JNDI to RabbitMQ for data sync. Achieved a 10% reduction in hard dependencies and database connections, promoting non-blocking operations.
- Took initiative to maintain and enhance 'Inspectore' a testing software, following its launch. Stepped up after the lead's departure, addressed tester feedback, developed new features, and ensured seamless functionality.
- Coordinated with cross-functional teams to provide pivotal development support and timely updates to multiple licensed institutions, meeting a stringent two-week SLA.

Software Developer - October 2017 - May 2019
Metropole Digital Institute - UFRN (Contractor for the State Court of Auditors) - Natal, Brazil

- Implemented custom agile methodology across two projects, ensuring seamless project management, timely delivery, and high client satisfaction.
- Designed and developed "Legis", a norms and laws submission system, using C#, .NET, SQL Server, and Angular 2. Digitized auditing process, cutting validation time by 15%, and enabled public law access.
- Facilitated bi-weekly meetings with an internal department on two projects, streamlining communication and accelerating validation of deliverables by 20%, thereby exceeding client expectations.