Gustavo Seixas

Backend Software Engineer with 5+ years of experience building scalable, low-latency systems in high-throughput environments. Currently at Amazon, driving initiatives in financial event processing and platform reliability impacting billions in monthly revenue. Proven track record of designing distributed services, optimizing costs, and ensuring data completeness. Passionate about system architecture, reliability and efficiency.

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EXPERIENCE

Amazon, Sao Paulo — *Software Engineer II*

OCTOBER 2022 - PRESENT

- Led the design and implementation of the system scalable, low-latency data store, capable of serving real-time access to enriched financial transactions and sustaining over 14,000 TPS.
- Led the design and implementation of a system enabling business SLAs on financial transactions, uncovering all requirements and delivering a solution that supports billions in monthly volume.
- Reduced infrastructure costs by over $10K/month by replacing a compute engine with a more efficient solution of comparable complexity.

QuintoAndar, Sao Paulo — *Software Engineer*

APRIL 2021 - SEPTEMBER 2022

- Led the architecture of a platform service handling company-wide client notifications, improving delivery reliability and scalability.
- Integrated auditing functionality using Hibernate Envers to support better debugging and compliance.
- Improved notification query performance by 40% through intelligent database indexing.

EasyAccess, Itajuba — *Software Engineer Intern*

OCTOBER 2020 - MARCH 2021

- Reduced deployment time by 800% by creating a fully automated CI/CD pipeline.
- Built a virtual field testing environment to enhance development robustness and field simulation.
- Introduced logging and comprehensive testing, improving overall code reliability and maintainability.

EDUCATION

Federal University of Itajuba, Itajuba — *B.Sc. in Computer Engineering*

JANUARY 2017 - JANUARY 2022 | GPA 4.3

- ELAP Scholar - Canadian Government-funded program for Emerging Leaders in Americas | GPA 4.73.
- Honeywell Research Scholar (2019-2020): Developed IoT-to-web integration for industrial use..

SKILLS

Java, Go, Python, JavaScript, Typescript.

Spring, Microservices, Event-Driven Architectures, Serverless.

SQL, NoSQL, Spark, Hadoop, HDFS, Parquet.

AWS (CDK, Cloudformation), Docker, Kubernetes, CI/CD Pipelines.

JUnit, Mockito, Maven, Gradle, Hibernate Envers.

React, Redux, Jest, Cypress.

AWARDS

2nd Place - Shell Eco-Marathon 2017 (energy efficiency competition)

1st Place - Inatel Arduino Challenge (embedded systems design)

LANGUAGES

Portuguese (Native)
English (Fluent)
French (Basic)