

Igor Lisboa

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EDUCATION

Fluminense Federal University (UFF)

Bachelor of Information Systems

Niterói, RJ - Brazil

Jan. 2017 – Feb. 2022

EXPERIENCE

BTG Pactual Bank

IT Analyst

July 2021 – Present

Rio de Janeiro, RJ - Brazil (Hybrid)

- Decommissioned an important legacy of the Bank's Investment Fund Orders flow (made in .NET FRAMEWORK), which received SOAP requests, creating a new scalable one (.NET, MySQL, REDIS, RabbitMQ) that receives REST JSON requests. The new component is easily scalable on Kubernetes and has an average of more than 1 million daily requests below 600 ms as request time, while the legacy component received fewer requests and had an average of around 800 ms request time.
- Refactored and improved to be scalable a large .NET API (used in many of the Bank's Investment FUND processes) which had an average request time of 1.2 s receiving 40 thousand requests daily, to make the average request time below 450ms allowing integrations with this API to multiply, obtaining more than 2 million requests daily, and specifically in 2 weeks of the year (when tax payment processing takes place) starting to receive more than 5 million requests daily without a considerable variation in the average request time.
- Developed RPC consumers using MassTransit Framework and RabbitMQ as transport to be alternatives to REST API calls using KEDA to scale up or down PODS in Kubernetes depending on the load each application is receiving, reducing the cost of these projects' AWS cloud infrastructure.
- Covered all projects under my management with more than 90% coverage in Sonar Qube, and ensured that all code repositories have no code smells, 0% code duplications and that all new code has test coverage.

Oliveira Trust

Full Stack Developer

October 2020 – July 2021

Remote

- Developed Active Directory API which was very useful to allow managers to update their analysts data such as logon hours and user groups. This ended up eliminating the opening of tickets related to these updates, relieving the Infrastructure Team.
- I migrated a huge legacy monolith (PHP, MSSQL) to a modern microservices application (Laravel, Vue.JS, Redis, Worker Queues, MySQL, Docker), decreasing project costs because as a monolith the entire Infrastructure was UP all the time, and as microservices only components that had processing to be done "turns on".
- Developed Storage API (allowing systems to store, list, download, remove or update files in a folder on the ON-Premise server or in an Amazon S3 folder) and E-Mail Sender with templates and variable customizations (API, Worker Service and Front-End) enabling older projects to just make REST API calls without having to update all libraries or architecture to use new features.

Interkraft Solutions

Full Stack Developer

November 2016 – October 2020

Rio de Janeiro, RJ - Brazil (Hybrid)

- Responsible for the development department.
- Gathering requirements and communicating with the customer.
- Responsible for migrating legacy projects on old technologies (such as Delphy, Classic ASP) to .NET and Clean Architecture, keeping in mind that the team's main stack uses .NET, so maintenance costs decreased as we migrated each old legacy.
- Creation of API to receive more than 10 thousand daily credit card payments.
- Developed language selection features on client websites, increasing access to the United States and other Latin American countries other than Brazil for our clients.

TECHNICAL SKILLS

Languages: C#, ASP.NET, PHP, Python, Java, C, C++, PL/SQL, TypeScript, JavaScript, HTML/CSS, VB.NET, Dart

Frameworks: .NET, .NET Core, .NET Framework, Laravel, Lumen, React.js, Vue.js, Node.js, Flask, NUnit, xUnit, Django, Flutter, Mass Transit, Spring, Ionic

Developer Tools: Git, GitHub (Repositories, CI/CD), Gitlab (Repositories, CI/CD), Docker, Kubernetes, Jenkins, Amazon Web Services, VS Code, Visual Studio, Azure Dev Ops (Repositories, CI/CD), Azure Active Directory, Keycloak

Databases: PostgreSQL, MySQL, MariaDB, Oracle, SQL Server (MSSQL), Mongo DB, Neo4j, REDIS