IGOR FARIAS SOUZA

Software Engineer

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https://github.com/igorfarias30   📍 Fortaleza, Brazil

EXPERIENCE

Software Engineer
Instituto Atlântico

📅 Oct 2022 – Ongoing   📍 Fortaleza, Brazil

- Responsible for major architectural and design decisions in order to trigger and processing application for a big tech company.
- Work as Backend Software Engineer to develop apps using C#/.Net, RabbitMQ and Docker.
- Implement and fix bugs. Improve code quality of the app with Unit Tests.
- Help junior engineers to improve their soft and hard skills.

Software Engineer
Mobills Labs

📅 Jul 2021 – Oct 2022   📍 Fortaleza, Brazil

- Worked as Software Engineer to maintain the system and develop new features using .Net, Redis, Mediator and Dapper.
- Implement asynchronous services using message broker (RabbitMQ) and .NET/C#.
- Create unit and integration tests using xUnit, NSubstitute and FluentAssertions.

Software/Data Engineer
Instituto Atlântico

📅 Feb 2018 – Jul 2021   📍 Fortaleza, Brazil

- Worked as Software Engineer to develop the backend using .Net, RabbitMQ, and docker.
- Created Unit Tests with xUnit and Pytest
- Developed ETL process using Python using Glue/Crawlers scripts to export the data from S3 to Redshift.
- Developed Machine Learning Engine: microservice, API, and infrastructure with Python, using technologies such as Flask, Pandas SkLearn and data handle packages.

Data Analyst
Cobrev

📅 Jan 2017 – Jan 2018   📍 Fortaleza, Brazil

- Proposed, designed and developed the data warehouse.
- Designed and published dashboards to show operation insights to the directors.
- Used Python and Microsoft SQL Server to create ETL pipelines.

Intern Researcher
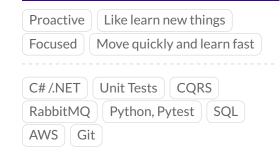**Federal University of Ceará**

📅 Ago 2014 – July 2016   📍 Fortaleza, Brazil

- Did research about optimization in container-ship. The problem was to minimize the time to stowage containers in ship to avoid a queue of ships in the port and maintain the ship stability.
- Revised papers and proposed a mathematical modelling (linear integer programming). I resolved the problem using CPLEX/C++.

LIFE PHILOSOPHY

"Destiny is a funny thing. You never know how things are going to work out. But if you keep an open mind and an open heart, I promise you will find your own destiny someday." UNCLE, Iroh

STRENGTHS

Proactive   Like learn new things   Focused   Move quickly and learn fast

C# /.NET   Unit Tests   CQRS   RabbitMQ   Python, Pytest   SQL   AWS   Git

LANGUAGES

Portuguese ●●●●●
English ●●●○○
Spanish ●●○○○

EDUCATION

Spec. in Data Science, Big Data and Data Analytics
September 7 University

📅 Oct 2017 – June 2019

B.S. in Industrial Math
Federal University of Ceará

📅 April 2013 – Jan 2017