

# Idelfrides Jorge

## Resume/CV

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📁 Site Portfolio

### Who Am I?

According to DR. Howard Gardner's *Theory of Multiple Intelligences*, my two most developed intelligences are Logical-Mathematical and Interpersonal. I have the desire and willingness to take on new challenges and learn new things because I have a high capacity for learning. My top five strengths or talents are Charisma, Leadership, Discipline, being Studious, and Communication. My values include Transparency, Dedication to intelligent work (striving for continuous improvement), Commitment and Synergy. Besides, I have good ability in ideas presentation and explanation, and professionally, high team-work skill and good ability to bear under high pressure of tasks .

### Personal Information

Full Name Idelfrides Jorge Fernandes Papai  
Date of Birth Nov 9th, 1989  
Gender Male  
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### Education

2011 – 2018 **Bachelor of Computer Engineering**, *Federal University of Ceara, UFC*, Brazil.  
2010 – 2011 **Bachelor in Law (incomplete)**, *Faculdade de Direito de Bissau, FDB*.  
2008 – 2009 **Bachelor in Medicine (incomplete)**, *Universidade Lusófona da Guiné, ULG*.

### Research

Field 1 Python Full Stack Development  
Field 2 Data Science  
Field 3 AI - Artificial Intelligence

## Experience

Aug/2022 - Present **Python Software Engineer, Instituto Atlântico (IA), Fortaleza, CE, BR**

Regarding the *Relyance AI* project, Our team was responsible for implementing the [ETL Pipeline](#) in the integration layer called *GAI*:

**E (EXTRACT)** : Use/build libraries to extract personal information (PII) from various REST APIs .

**T (TRANSFORM)** : Use/build python scripts using *Clean Code* philosophy to handle and define PII considering the business role of each customer and the REST API.

**L (LOAD)** : Loads PII defined and cleared to the front-end application.

### Remote Job for all projects

#### Project 5

**Pharos (Squad Hydra, Trust Center App)**, with 13 members, focuses on the security industry, ensuring and providing monitoring, management, and authorization for Anyware Trust Agent. As a Golang Developer, my mission is to maintain existing features and build new ones. Duration (Oct/2023 - present): 4 months.

#### Results

\* Results come in soon

#### Skills

\* Golang 1.21, Microservices, REST API, Terraform, Docker, Kubernetes, English Proficiency, Confluence, JIRA, Git, Github, CI/CD, Lunix, TeamCity.

#### Project 4

**Pmetric (of PRAIA )**, with 7 members, focuses on the developing small business. As a **Data Scientist**, my mission is to conduct data analysis and processing from a SQLite database and files sources using Python, and create charts and reports in (pdf, csv, xlsx) based on the data. Duration: (Oct/2023 - jan/2024): 4 months.

#### Results

\* Experiment 1: I built relevant graphs with Jupyter notebook based on the content processed through python. These graphs and SQL are used by three other developers to build a web application to visualize metrics and generate PDF reports.

\* Experiment 2: Built a Data science app which process and generate reports in pdf, csv and xlsx files with Python.

#### Skills

\* Python 3.10 for data science, SQLite, SQLite Studio, SQL, jupyterlab, Git, Github

#### Project 3

**Data Fabric Framework (DFF)**, with 7 members, focuses on the Big Data industry, assisting companies in becoming data-driven. As a **Data Scientist**, my mission is to perform activities to address Petrobras' challenges using DFF, improve backend structure, evolve the application, and build new features. Duration: (July/2023 - present): 7 months.

#### Results

\* The Petrobras challenge was completed and presented to the entire company.

\* Evolve DFF to another version with additional features and enhanced scalability and data processing capacity.

## Skills

- \* Python 3.10 | Python for data science | Apache (Kafka, Druid, Superset) | Kafdrop | Docker & Docker compose | Bitbucket | Machine Learning

## Project 2

- \* **Area 51 (A51)** from Atlantico Portfplio
- \* Role: Python Developer and Data Analyst
- \* Perform a custom ETL pipeline to build automations Apps for Atlantico company internal usage.
- \* Duration: 6 months

## Results

- \* Participate to in building 3 Apps

## Skills

- \* Python 3.8.x | Data Analysis | Google (BigQuery, Apps Script, Spreadsheets, Looker Studio (Old Data Studio))

## Project 1

**Relyance AI (from International Portfolio)**. Had up to 12 members, focuses on the Privacy and Security industry, Manage privacy, data governance, and compliance operations seamlessly, all on a single, intuitive AI-powered platform. As a **Python Developer**, my mission is to build new integrations by performing a custom ETL pipeline in GAI. Duration 6 months.

## Results

- \* Ensure a better experience for their clients

## Skills

- \* Python 3.8, Read APIs documentation in English, REST & RESTfull API, Python Unit Test (PyUnit & PyTest), GCP, CI/CD, AWS, MongoDB Compass, Git, Github, Github Actions, Jira, Slack, Docker & Docker-compose Confluence, English proficiency

2020 - 2022  
( 2 years ) **Backend Software Developer**, *SenseData*, São Paulo, SP, BR

At the time, a rapidly growing startup operating in the data science industry focused on customer success by implementing [ETL Pipeline](#) in integration layer called *senseConnect*:  
**E (EXTRACT)** : create libraries to make extration of data from APIs, client DB, AWS (S3), Google Sheets, legacy DB.

**T (TRANSFORM)** : create python script using Clean Code philosophy and PEP8 to handle data considering business role of each customer.

**L (LOAD)** : full or incremental load cleaned content (informations) to PostgreSQL and/or MongoDB databases in real time.

## Project

**senseConnect**, composed of 3 squads, each based on a multidisciplinary team. Axe Squad was mine (14 members, 6 Devs). All three squads had at least 26 members. As a **Python Developer**, my mission was to maintain existing integrations and features and build new ones by implementing an ETL Pipeline. Duration: throughout my time there.

## Results

- \* Ensure a better experience and success for many of their clients

## Skills

- \* Python 2.7, Flask, PostgreSQL, Airflow (Python 3.7.x), RESTfull, API, Read APIs documentation, Docker, MongoDB, SQL, Linux, Git, Bitbucket, Review pull requests from others, Jira. Slack, DBeaver, CI/CD

2019 - 2019 **Backend Developer (Python/Django), Izio Corp**, Campinas, SP, BR  
( 4 months )

I was in charge for building / implementing a multipropose system for global use as a social network.

## Project

- \* Developing a new social network system

## Results

- \* Build applicarions basing on UML previously created

## Skills

- \* Python 3.7 Django | PostgreSQL | SQL | Linux | Git & Github | Todoist

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## Professional Courses

2023 **More courses in my Linkedin (...)**

Oct/2023 **Go: The Complete Developer's Guide (Golang)**, *Udemy.*

Jul-Aug/2023 **Curso React**, *Youtube Channel, Matheus Battisti - Hora de Codar.*

May/2023 **Aulas Looker Studio**, *Youtube Channel, Pedro Paiva | Dashboards.*

April/2023 **Google Apps Script tutorials for beginners**, *Youtube Channel, Amarindaz.*

Nov/2022 **Comunicação e Oratória | O Guia COMPLETO + 3 Cursos Extras**, *Udemy.*

Aug/2022 **Scrum For Beginners: Learn The Scrum Basics In 1 Hour**, *Udemy.*

Mar/2022 **Fundamental Docker - Learn how to use the tool**, *Udemy.*

Jul/2019 **Creating powerfull API's RESTful with Django Rest Framework**, *Udemy.*

Jun/2019 **Django 2.0 advanced, 100+ classes, master the framework like a boss**, *Udemy.*

May/2019 **Django 2.0 – Learning the fundamental concepts**, *Udemy.*

April/2019 **Learn PostgreSQL Tutorial - Full Course for Beginners**, *Youtube Channel freeCodeCamp.org.*

Aug/2017 **MySQL**, *Curso em vídeo platform, by Gustavo Guanabara.*

April/17 **Python 3.x**, *Curso em vídeo platform, by Gustavo Guanabara.*

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## Skills & Background Knowledge

### Computer/Hard skills

Professional Experience Python (v2.7+), Python Unit Test (PyUnit & PyTest), Django, Flask, PostgreSQL, MongoDB, MongoDB Compass, SQL, HTML, CSS, Bootstrap, RESTfull API, REST, AWS Cloud (S3), Git, Github, Bitbucket, , Trello, DBeaver, Airflow, Docker, Jira, Slack , Scrum, Remote Job, Google Looker Studio (Data Studio), Google BigQuery, Google Cloud Platform (GCP), Linux, Data scientist

Advanced React, Go (Golang), Data analysis with Google suite, All programming language and tools listed at *Professional Experience* section  
Intermediate Django REST Framework, JavaScript,  $\LaTeX$ ,  
Others LGPD, TDD, MySQL, MVC, SOLID, Clean Code, Webhook, FileZilla, Todoist

### Communication/Soft Skills

Who Am I? My Soft Skills were described in that section

### Languages

Portuguese **Fluent (bilingual)**

English **Advanced ( C1 )**

French **Basic**

*Advanced in speaking, reading, listening and writing*

*Basic in speaking, reading, listening and writing*

### Interests

- Mission
  - Helping companies make their product/service the best one in the worldwide
- Company
  - Work on large team and project
- Technologies
  - Python stack and ready to learn new technologies

### Last Update

Date: January 18, 2024