



Luis Gustavo Souza

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● ABOUT MYSELF

I am a Data Engineer with 14 years of experience in IT area, passionate about data transformation and analytics, with proven experience across a wide range of data storage technologies and analytics tools. With a solid background in Python and Java.

● EDUCATION AND TRAINING

08/2023 – CURRENT São Paulo, Brazil

POSTGRADUATE DEGREE IN BUSINESS INTELLIGENCE, BIG DATA AND ANALYTICS Anhanguera Educacional

Website <https://www.anhanguera.com>

29/01/2013 – 28/11/2016 Franca, Brazil

BACHELOR'S DEGREE IN COMPUTER SCIENCE University of Franca

Website <https://www.unifran.edu.br>

29/01/2010 – 29/08/2011 Franca, Brazil

IT TECHNICAL COURSE Senac

Website <https://www.sp.senac.br/senac-franca>

● WORK EXPERIENCE

08/12/2023 – CURRENT

DATA ENGINEER | TECH LEAD

In this experience I worked as a data engineer helping to develop solutions with Python integrated with AWS and Elasticsearch, always aiming for performance and security.

Skills: Kafka · Java · Python · Spark · Oracle · SQLServer · ElasticSearch · GitLab

22/09/2021 – 07/12/2023 Lisbon, Portugal

DATA ENGINEER | TECH LEAD VELV

In this current challenge, I help the team in the development and implementation of new solutions focused on data engineering. My role is to analyze the current architecture and provide solutions for performance improvements.

Skills: Amazon SQS · RabbitMQ · Spring Boot · Kubernetes · Java · Oracle · Linux · Git · Redis · AWS · Docker · Kafka · Spark · ElasticSearch

01/10/2019 – 01/09/2021 São Paulo, Brazil

DATA ENGINEER EVI TECHNOLOGY

In this experience I worked as a data engineer helping to develop solutions with Python integrated with AWS and Elasticsearch, always aiming for performance and security.

Skills: Amazon QuickSight · Amazon S3 · Amazon SQS · Amazon Lambda · Python · ElasticSearch · Amazon Athena · Amazon Glue · Rancher · Kubernetes · Docker

SOFTWARE ENGINEER BETTA TECNOLOGIA

When I started at Betta Tecnologia, I helped in the development and maintenance of some internal projects, helping in some cases to improve performance, inclusion of new features, bug fixes, migration from a monolithic backend to microservices for greater scalability.

In my first external project, I helped the team to develop a new e-commerce project, replacing the old one that was outdated, non-scalable and did not support a large number of simultaneous accesses. For this project, we remodeled the monolithic backend for several microservices, implemented a cache service on the frontend and backend, adopted AWS cloud solutions for hosting, maintaining and managing the application. The results were very good, making e-commerce scalable and possible for more competing users, being the main e-commerce of tools for mechanics in the world.

In my second external project, I helped in the development of a backend solution for the bank credit segment, carried out through the application made available by the customers. Security, scalability and performance were the pillars of this solution, we were able to deliver a great result even with little available work time

In my last external project, I helped in the development of a new platform for the transport and logistics segment. This platform, which can be considered a BigData platform, allows the management of loads and deliveries, and its main objective is to provide analytical information to transport managers, helping them in decision making. In this way, we adopted solutions that allowed the greatest possible performance gain, that allowed us to generate data with the lowest cost and with less time. In addition, I helped in the process of creating the mobile application that was made available for drivers to register for available freight.

Skills: Python · ElasticSearch · Flutter · BigData · React · Aws · Java · SpringBoot · Redis · Php · Laravel · Jenkins · MSSQL · Ionic · Angular · Oracle · MySQL.

01/07/2014 – 31/12/2016 Franca, Brazil

SOFTWARE ENGINEER CRUZEIRO DO SUL UNIVERSITY

I helped in the development of new solutions in Java and SpringBoot, and in the maintenance of old systems.

Skills: RabbitMQ · Spring Boot · Kubernetes · Java · Java SE · Java Enterprise Edition · PL/SQL · JSF · PHP · Oracle · jQuery · Hibernate · JavaScript · Linux · Spring Framework · Git · JQuery · Scrum

30/06/2010 – 30/09/2012 Franca, Brazil

SUPPORT ANALYST MARIO ROBERTO GAS STATION

- Maintenance in PDV systems

30/09/2012 – 30/06/2014 Franca, Brazil

JAVA DEVELOPER AMAZONAS PRODUCTS FOR SHOES

In this work I worked as a Java developer, helping to implement new solutions in a new web project that aimed to provide its users with tools for managing sales and issuing invoices.

Skills: Oracle · ADF · Weblogic · Oracle11 · Java

● LANGUAGE SKILLS

Mother tongue(s): **PORTUGUESE**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2
FRENCH	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

● PUBLICATIONS

2015

[Developing web applications with JSF, MongoDB and JasperReports](#)

Work published in Java Magazine, issue 143. Demonstration of the development of a JSF application with primefaces, using a non-relational database (MongoDB) to store information. In addition, it describes how to use JasperReports for custom reporting.

2014

[Developing applications with Play! Framework](#)

Work published in Easy Java Magazine, issue 45. Describes and demonstrates in an example the development of a chat with Play! Framework used to develop Java applications with greater practicality.

2014

[JSch: Developing applications with Java Secure Channel](#)

Work published in Easy Java Magazine, issue 39. Describes and demonstrates in a practical example the JSch tool used to transfer files in remote directories quickly and safely, using the JSF and PrimeFaces components together.

● PROJECTS

28/02/2018 – 30/06/2019

Ecommerce - Loja do Mecânico

Link <https://www.lojadomecanico.com.br/>