


# Raul Belmonte de Souza

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## Summary

I'm a software developer who loves programming with 5+ years of experience. I'm always trying to contribute with the best solutions and ideas to solve the problems proposed.

I have experience in the backend and frontend.

I've worked professionally with:

- Java: Spring Boot, Hibernate, JUnit, Jersey, etc.
- Javascript: Typescript, Angular, PrimeNG, Jest, JQuery, etc.
- PHP and Python: (a bit of) Laravel, Composer, CodeIgniter, etc.
- SQL: SQL Server, MySQL, and Postgres.

I've also worked with Bootstrap, HTML5 and CSS3, Helm, Docker, Kubernetes, Airflow, and Jenkins.

## Experience

### Software Engineer

KWAN

Dec 2022 - Present (9 months)

Currently, I'm allocated at Critical Techworks, a joint venture formed as a result of a partnership between BMW Group and Critical Software to support BMW in building software for its future driving machines. I'm working on an autonomous driving project developing and maintaining the system to reprocess the data collected from the vehicle's test sessions.

The applications were split into modules executing in containers. I work mainly in the backend using technologies such as Java, Spring Boot, Airflow, JUnit, Mockito, Docker, REST API, Swagger, Maven, Kubernetes, Jenkins, Postgres, Flyway, Microservices, JWT, OAuth, Git, Github, IntelliJ, VScode, Linux, Helm, and Scrum as methodology.

### Software Developer - FIC Engineer

Trustly

Jan 2022 - Dec 2022 (1 year)

What I did was connect the financial institutions aka banks with the Trustly software. I worked to help improve the Trustly product, an open banking payment method that allows customers to shop and pay from their bank account, without the use of a card or app. I was in a team called FIC and I was an FIC Engineer.

I worked on consuming some APIs and making connections with the bank's websites using technologies such as Java, Spring Framework, Docker, REST API, HTML, CSS, JavaScript, Maven, Postgres, JWT, OAuth, Git, GitHub, IntelliJ, VScode, macOS, and Scrum and Kanban as methodologies.

### Full Stack Engineer

## Capgemini

May 2021 - Jan 2022 (9 months)

I worked on two big projects for one of the biggest Brazilian banks, Bradesco. The first project was Open Banking. I was in one of the teams that created Open Banking.

The second project was an integration between the PIX from Bradesco with an e-commerce company called VTEX. PIX is a Brazilian instant method for payments. In this project, I helped to create a REST API to consume the PIX service from Bradesco and expose it to VTEX software.

Working in these two projects I used technologies such as Angular, Typescript, Javascript, Node, Npm, Git, BitBucket, Maven, Java, Jersey, JUnit, Jest, REST API, Spring Framework, JWT, OAuth, Postgres, SQL, Sonarqube, Websphere, Microservices, IntelliJ, VScode, Eclipse, CSS and Scrum, Smart, and Kanban as methodologies.



## Full Stack Engineer

DB System IT Solutions

Jun 2020 - May 2021 (1 year)

DBSystem is a local software company from the transport sector. I worked on creating and maintaining a WMS (warehouse management system) that manages the storage of items for Peugeot.

The application was developed in two modules, client and server side. I worked in the backend and frontend with Java and Angular. At this company, I learned and worked a lot with Java, Spring Framework, REST API, Angular, PrimeNG, Typescript, CSS3, HTML5, JavaScript, JWT, OAuth, SQL, SQL Server, and Flyway.



## Full Stack Engineer

Inpactus Tecnologia

Feb 2018 - Jun 2020 (2 years 5 months)

I started my career as a software developer doing some jobs designing and building some websites for small companies from my birth city, São Borja/RS - Brazil. Inpactus was a small Software House company founded by me. The websites were developed as monoliths using PHP, SQL, MySQL, Codeigniter, and Laravel for the backend and HTML, CSS, Javascript, JQuery, and Bootstrap for the frontend.



## Technician Soldier

Brazilian Army (Exército Brasileiro)

Feb 2017 - Feb 2018 (1 year 1 month)

At 19 years old, in February of 2016, I fulfilled my obligation as a Brazilian man and joined the Brazilian Army where I did basic training and after that, I worked as a computer technician in the IT sector.



## Software Engineer

MegaGED Brasil

Oct 2016 - Feb 2017 (5 months)

I worked as an intern at Mega where I helped a bit in the migration of MegaGED from PHP to Java. MegaGED is software for electronic document management. At Mega, I had the opportunity to use

some technologies in a professional environment for the first time, technologies such as Java, JSF, Primefaces, CSS, Javascript, MVC Concept, SQL, and HTML.

## Education



### **Instituto Federal Farroupilha**

Bachelor's Degree, Information Systems

Feb 2018 - Dec 2023



### **Algaworks**

Spring Rest Specialist, Computer Software Engineering

2020 - 2020

Activities and societies: Build REST APIs using Spring Boot, JWT, OAuth, etc.



### **Alura**

Spring Framework, Computer Software Engineering

2020 - 2020

Activities and societies: Building web applications using Spring Boot with Java programming language.



### **Instituto Federal Farroupilha**

Technician, Web Development Computer Technician

2013 - 2015

## Licenses & Certifications



**EF SET English Certificate 80/100 (C2 Proficient)** - EF Standard English Test (EF SET)