

RAFAEL BRUNO SIQUEIRA DA SILVA

Rafael Bruno
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27 years old, Brazilian

ACADEMIC

INSTITUTE LUDWIG VON MISES BRAZIL (2022 – 2023)

- Post-graduation: Austrian School of Economics (2022 – 2023).

UFMG (FEDERAL UNIVERSITY OF MINAS GERAIS) (2015 – 2020)

- Control and Automation Engineering (2015 – 2020).
- Undergraduate Thesis: Semantic textual similarity of products using NLP techniques (100/100)
- Teaching Assistant of the discipline Numeric Analysis / Numeric Calculus (2017 – 2018).

CEFET-MG (FEDERAL CENTER OF TECHNOLOGICAL EDUCATION) (2011 – 2013)

- High School specializing in Electronics
- Junior Scientific Research (2012 – 2013) “Demonstrative Experimental Activities: Teaching Physics through Investigation” presented at the XV Evaluation Meeting of the Institutional Scientific Research Program, during the IX Week of Science & Technology of CEFET-MG (2013);
- Presented the work “Micro-controlled Bath Water Heating System” at the Specific Show of Works and Applications (META) of CEFET-MG (2013);
- Participation in the “LACTEA Research Seminar – Science Coordination”, during the VIII Week of Science & Technology of CEFET-MG (2012).

ADDITIONAL ACCOMPLISHMENTS

- Gold Medal at the XII Brazilian Astronomy and Astronautics Olympiad (2009);
- Bronze Medal at the XI Brazilian Astronomy and Astronautics Olympiad (2008);
- Honorable Mention at the III Brazilian Math Olympiad of Public Schools (2007);

ABILITIES

AREAS OF EXPERTISE / INTEREST

- Deep Learning, Machine Learning, Cloud Infrastructure, AWS Technologies

MAIN TECHNOLOGIES

- Python, NodeJS, AWS, React, Angular (2+), TypeScript, HTML, CSS, SASS

OTHER KNOWLEDGES

- Tensorflow 2.0, Scikit-learn, Pandas, SQL, NoSQL, Docker, PWA, Elasticsearch, MongoDB, Postgres, GraphQL, Scrum, UX/UI Design notions, Projects using microcontrollers, Printed circuit boards projects, Economics, Theology

PROFESSIONAL EXPERIENCES

Ever - Intelligence Core

Belo Horizonte, MG, Brazil

Ever - Intelligence Core

Machine Learning Engineer

03/2023 – 05/2023

- I worked mainly as a **machine learning engineer** using the AWS ecosystem to create solutions in the AI field. During that time I developed a facial recognition solution where not only the algorithm to solve the problem but also the whole cloud infrastructure were in a code (AWS CDK).

BRASS do Brasil Projetos e Consultoria Técnica

Belo Horizonte, MG, Brazil

BRASS of Brazil Projects and Technical Consultancy

Frontend Developer

03/2021 – 03/2023

- I worked mainly as a **frontend developer** and as a **frontend architect** using React and React Native, responsible for architecting and creating new products for the engineering field. One of the products is a system that manages projects and employees of the company. Another product is a system that manages and exhibits projects' documents like point clouds. In addition, I helped to develop several modules that aimed to integrate several types of industries. During that time I also worked as a **tech leader**, responsible for planning activities and leading the team during the development of a project. For a short time, I played a role of a **data scientist** when we faced a problem and it was needed someone who could use statistics and develop an algorithm that would understand some metrics of all the APIs that were in production

Freelance Software Engineer

Belo Horizonte, MG, Brazil

Freelance Software Engineer

Freelance Software Engineer

06/2019 – 03/2021

- I worked as a **software engineer**, responsible for developing the frontend, the backend and the cloud infrastructure of small projects. I mainly used NodeJS, Angular 2+ and AWS technologies. I developed a system to help a small group of bakeries to move products between stores. I also developed a system to optimize the allocation of hospital beds during the COVID-19 pandemic. In addition, I also worked as a **data scientist** in a project where it was needed to find hidden relations in a set of data of a nutrition problem.

DTI Sistemas

Belo Horizonte, MG, Brazil

DTI Systems

Intern

07/2018 – 07/2019

- I worked as a **fullstack developer** in a variety of projects. Mostly using Angular 2+ in the frontend and Javascript in the backend

CPEJr – Consultoria e Projetos Elétricos Júnior

Belo Horizonte, MG, Brazil

CPEJr – Junior Consultancy and Electrical Projects

Head of Projects

01/2016 – 06/2017

- I led and delivered 3 projects as a **project manager**, responsible for managing the developer team and dealing with clients. (01/01/2016 – 30/06/2016)
- I led, as the **head of projects**, a team of project managers, being responsible for 21 projects during that period. (01/07/2016 – 31/12/2016)
- I acted as a **project consultant**, responsible for providing technical knowledge to the execution of some projects of the company. (01/01/2017 – 30/06/2017)

Radix Engenharia e Software

Belo Horizonte, MG, Brazil

Radix Engineering and Software

Intern

07/2015 – 09/2015

- I worked as a **tester** responsible for starting the development of a suite of tests using the .NET platform and the browser automation tool Selenium.

<i>LANGUAGES</i>
<ul style="list-style-type: none">- Portuguese (fluent/native)- English (fluent/advanced)- French (basic)