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Summary

I'm an enthusiastic software engineer graduated at Universidade Estadual do Oeste do Paraná - Brazil.

I'm a big fan of automated tests, and I believe that collaborative and relaxed work environments walk together with productivity and creativity.

I have worked with some technologies like C, Lua, and Java. In the last few years, I have been working with Ruby, Python, and especially with Go. I'm also interested in the functional paradigm that I have been studying with Scala and Clojure.

Education

Universidade Estadual do Oeste do Parana, BSc in Computer Science, December 2011.

Experience

Onefootball

Feb 2021 - present

Software Engineer

Main Technologies: Go, Kubernetes, AWS;

As a member of the news team, I share the responsibility to keep the data provided for our users updated and tailored for their interests.

Among other interesting challenges, scale our services to support a high amount of requests per second, with spikes that can multiply the number of requests by 7 within seconds is one of them.

FromAtoB

May 2019 - Feb 2021

Software Engineer

Main Technologies: Go, Python, Docker, Kubernetes, Dataflow, Bigquery, GCP;

Some of the data team responsibilities are data collection, transformation, storage, security, consumption in a variety of ways and monitoring.

To achieve that, the first step we had to take was extracting the data from the services, which were written in Go and Ruby, then publish to the pipeline.

Our pipelines are composed of cloud functions written in Go and dataflow jobs. We also have some services running inside Kubernetes cluster and Airflow scheduling Spark jobs and a bunch of dockerized jobs, most of them written in Python.

Neoway Business Solutions

May 2016 - Mar 2019

Software Developer

Main Technologies: Go, Python, Docker, Kubernetes;

As a member of the datasource team, I worked mainly with Python language to scrap data from the Internet. We created a framework to help us develop bots in a more quickly and reliable way. To support the tasks related to scraping data, we also had services written in Go.

As a member of the data analytics team, I worked with the same idea of creating a framework for the data scientists to develop their models in a more quickly and reliable way, having as the final artifact a variety of options like a python package or a spark job.

DBA

May 2013 - May 2016

Software Engineer - Full Stack

Main Technologies: Linux, Python, Ruby, JavaScript, Java, Android;

As a team-member at DBA startup working part of the Parking Meter System project. I'm involved in all parts of the project, this means understand all clients requirements, web development using Ruby on Rails framework, modeling the database and testing the application. I'm also responsible for the frontend development, so hands on JavaScript (AngularJS) and HTML.

I also developed REST APIs to improve the communication with the devices, such as tablets and parking meters. The REST API was developed using Ruby/Grape framework. I've contributed to development of Android applications.

That Android applications were developed using some libs like RxAndroid, Retrofit, SqlBrite, Butterniffe, Dagger, Espresso and Robolectric.

Although I am a software engineer some times it is necessary working as sysadmins doing tasks like Linux and network administration, web servers management (Apache and nginx), log analyse, and so on.

Main tecnologies: Ruby, Rails framework, Android, Postgresql, Grape framework, Linux, Python, DBus, Amazon AWS, Dokku, REST.

More Info

- **Linkedin:** <https://br.linkedin.com/in/cadicallegari>
- **Github:** <https://github.com/cadicallegari>