CLAUDINEI CALLEGARI

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SUMMARY

I've been a software engineer solving product, scalability, and developer problems with Go and microservices since 2016.

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

Apart from Go, I have worked with some other languages like C, Python, and Ruby. I'm also interested in the functional paradigm, and I have played around using Scala and Clojure.

EDUCATION

Universidade Estadual do Oeste do Paraná, Brazil   **December 2011**
B.S. in Computer Science

EXPERIENCE

Schwarz Media Plataform   April 2022 - Present
Senior Software Engineer   *Germany*

As a member of the ad delivery team, some of my responsibilities were to keep our service within our SLOs, keep the pipeline that prepared the ads to be delivered, and onboard and share knowledge with other team members.

The team had a rotative style of dealing with new product initiatives. For every initiative, a different team member was responsible for the design and implementation of the solution, writing tech concepts, ADRs, and coordinating the work within the team as well as with other teams in the company.

Highlights

- Design Bigtable storage to make it simpler from a developer perspective and also more performant.
- Improve overall developer experience with a local environment.
- Migrate a complex pipeline from kubeflow to airflow.

Main technologies Go, Bigtable, Bigquery, Airflow, Kubernetes, Docker, GCP, Postgres.

Onefootball   February 2021 - March 2022
Senior Software Engineer   *Berlin, Germany*

As a member of the news team, I shared the responsibility to keep the data provided for our users updated and tailored for their interests. Among other interesting challenges, scaling our services to support a high amount of requests per second, with spikes that can multiply the number of requests in an order of magnitude within a few seconds.

Highlights

- Responsible for the BFF and event architecture initiatives, which were adopted successfully by other teams later.
- Fine tune relational database that improved performance up to 70%.

Main technologies Go, Kubernetes, Docker, AWS, Elastic Search, NATS, RabbitMQ, MySQL.

FromAtoB   May 2019 - February 2021
Senior Software Engineer   *Berlin, Germany*

As a member of the data platform team, some of my responsibilities were to externalize and process data from different kinds of services written in Go and Ruby, storing it in our dataware house and datalake. Also monitoring to make sure that the process still working and generating quality data. With that, we enabled the data science teams to work with the data to improve our product as well as create new features like price calendar and price alerts.

Highlights

- Design and implement the whole data platform.

- Create a POC of a price calendar using Bigtable.

Main technologies Go, Bigtable, Bigquery, PubSub, Dataflow, Cloud Functions, Airflow, Kubernetes, Docker, GCP.

Neoway Business Solutions
Software Developer

May 2016 - March 2019
Florianópolis, Brazil

As a member of the data source, our main responsibility was to keep a fleet of more than 300 bots scraping different sites on the Internet. For that, we created a framework over Scrapy to help us develop bots in a faster and reliable way. We also had to build a variety of services in Go to support the bots with storage and proxy, to mention some.

Later, we applied the same framework idea to the data analytics team, which helped to develop their models in a faster and reliable way, having as the final artifact a variety of options, like a Python package, Flask API in a docker image or a Spark job, to mention some.

Highlights

- Promote workshops to share knowledge and regular 1x1 with the team members.

- Improve and replicate with another team the framework idea to make the development process easier.

Main technologies Go, Python, RabbitMQ, Kubernetes, Docker, AWS, GCP.

DBA Technology
Software Developer

May 2013 - May 2016
Florianópolis, Brazil

As a team member of the DBA startup, I've worked on the Parking Meter System project, where I was involved in all stages, from collecting and understanding the requirements, web development using the Ruby on Rails framework, modeling the database, and testing the application.

Apart from the frontend, we had to communicate with other devices, such as tablets, parking meters, and a variety of sensors. That API was developed using the Ruby/Grape framework.

I also wrote the first version of the Android application using libraries like RxAndroid, Retrofit, SqlBrite, Butterniffe, Dagger, Espresso, and Robolectric.

Highlights

- Start the system from scratch, being responsible for collecting requirements, implementing them, and delivering them to the users.

Main technologies Ruby, Python, Android, AWS.