Glauco Roberto Munsberg dos Santos

FULL-STACK AND DATA SCIENTIST

PROFILE

I have over 9 years of experience with **Ruby on Rails**, focusing on performance and scalability. I have worked extensively with big data, utilizing **PostgreSQL/PostGIS** and other databases like **MongoDB** in datalakes containing billions of records and using **Sidekiq** for managing complex and orchestrated tasks. I also use **React.js** with **TypeScript** and I have experience building **iOS** and **Android** applications using **React Native**. Additionally, I work with **Python** and tools like Airflow, **Docker** and **CD/CI** deployment in **AWS** and **GCP**. Recently, I have experience with other technologies, such as use and training **LLMs** like Llama and Gemini models.

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PROFESSIONAL EXPERIENCE

Full-Stack
Ecostage – São Paulo, BR | Jul 2021 – Present

- I working transversally in the development of projects with a focus on scalability and data structure using technologies such as Ruby on Rails, Sidekiq, PostgreSQL and Elasticseach and using React with Typescript in front-end.

- Additionally, using another technologies such Geoserver, Elasticsearch, Python/Airflow in datalakes.

- I am skilled in setting up CI/CD pipelines using GitHub Actions or GitLab to automate continuous delivery and deployment on GCP or AWS infrastructure

Full-stack and Product Owner
Indeorum – Pelotas, BR | 2015 – Jun 2021

- I deepened my knowledge in RoR and data science. In it I developed competence management systems, intercommunication of information repositories and databases in MySQL, SQL Server and MongoDB.

- Worked with information design improving skills in RoR scalability, management, architecture and execution of projects and work with project with legacy data.

Developer and Project Management
HUT8 – Pelotas | 2014 – 2015

- I implemented the use of code patterns, tests and the use of RoR as DPM of the junior enterprise in the Computer Science course, I was able to create innovative projects and work with different technologies.

- In it, I expanded my stack of technologies, communication, leadership and project management skills with a team of 20 people and several projects.

EDUCATION

Master's in Computer Science/UFPel
A multi-agent graphite extraction approach and identification by CNNs
2016 - 2019

Graduated Bachelor's Degree in Computer Science/UFPel
Automatic Expansion Terms based on Ontology
2010 - 2015

AWARD & SCHOLARSHIP

Center for Management and Strategic Studies of the Brazilian Government
I received recognition for innovation at the edition of EXPOLattes with first and second place for two applications for large-scale use of government-managed data
2018

Google Research Awards for Latin America
My master's project was one of 16 innovative projects supported and funded by Google in Latin America during that year
2016

SKILLS& KEYWORDS

Languages
PORTUGUES (Native), ENGLISH (B2 level) and SPANISH (Intermediate)

Back-End
RUBY, ROR, SIDEKIQ, POSTGRESQL, PYTHON, AIRFLOW, MONGODB, ELASTICSEARCH, MONGODB, BREAKMAN, QGIS, GEOSERVER

Front-End
REACT, TYPESCRIPT,MUI, AXIOS, LEAFLET, MAPBOX, NEXT, TAILWINDCSS, REACT NATIVE (IOS AND ANDROID)

DevOps
DOCKER, GCP, AWS, GITHUB ACTIONS, GITLAB CD/CI, RUBYCRIC, VM LINUX DEBIAN, NEWRELIC

AI and Others
CNNS, NPL, LLM, OLLAMA (LHAMA, GEMINI MODELS), NEWRELIC,