

Hello

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Skills

As a seasoned Data Engineer and Software Developer with over a decade of experience in the tech industry, I have honed my skills in a diverse range of technologies and methodologies. My career has been marked by a commitment to innovation, problem-solving, and continuous learning

Experience

2022-2023

Data Engineer / Data Pipeline Developer

Jaya Tech, São Paulo, Brazil (Remote)

- Improved geospatial data processing initiatives for a major agricultural client, enhancing data-driven insights and decision-making.
- Designed cost-effective data architectures and implemented scalable solutions using Apache Spark, Python, Pandas, and AWS.
- Led the onboarding and technical training of new team members, ensuring successful project execution and knowledge transfer.

2021 - 2022

Senior Software Engineer

ecoPortal, Auckland, New Zealand (Remote)

- Developed a new GraphQL API and introduced UI enhancements to the main product, improving overall functionality and user experience.
- Collaborated in a cross-functional team to integrate new features and maintain high software quality standards.

2020 - 2021

Senior Software Engineer

Jaya Tech (Contractor for Everly Health), São Paulo, Brazil (Remote)

- Contributed to the healthcare industry by developing accessible and efficient APIs and data pipelines to several parties.
- Worked within a 100% remote team, demonstrating strong communication and collaboration skills.

2018 - 2020

Head of Data Science / Data Engineer

Qconcur.com, Rio de Janeiro, Brazil (Hybrid)

- Directed the data strategy, overseeing the development and maintenance of data pipelines and processing frameworks.
- Managed a data science team, implementing agile methodologies and CRISP-DM-like processes to drive research and development efforts.
- Deployed tools such as AWS Redshift, Metabase, and related AWS data processing services to enhance data accessibility and analysis.

2018

Data Engineer / Data Science Leader

Qconcur.com, Rio de Janeiro, Brazil (Hybrid)

- Established a new Data Science team, developing toolchains and data processing pipelines to enable data-driven decision-making.
- Advocated for a data-centric culture within the organization, delivering early analysis and insights to inform strategic initiatives.
- Spearheaded specialized data analysis process, aggregating data from heterogeneous sources to support sales, marketing, finance and operational teams.

2016 - 2018

Senior Software Developer

Qconcur.com, Rio de Janeiro, Brazil

- Modernized the main product by upgrading to Rails 5 and enhancing the stack for a responsive experience across various devices.
- Promoted agile principles within the development team, fostering improved communication and collaborative workflows.
- This product had at the end of 2019 about 5M MAU and 20k simultaneous users, so we moved to async architecture, background jobs, sidekick, etc.
- I helped the team to improve the product to get >98% lighthouse score due to the organic traffic, from the backend perspective, like cache with redis
- Spearheaded a change from Apache Solr to Elasticsearch, to improve the internal search capabilities

2016

Software Developer (Full Stack / Ruby)

Total Commit, Rio de Janeiro, Brazil

- Developed APIs and user interfaces using Ruby on Rails, collaborating directly with clients to define project scopes and deliverables.

2010-2016

Software Developer (Data Visualization) | Research Assistant

UFRGS, Porto Alegre, Brazil

- Created data visualization tools and pipelines for IP network metrics using open-source technologies like Ruby, Rails, and PostgreSQL.
- Contributed to a partnership with Vivo (Telefonica), focusing on agile development and delivering high-value projects.
- Helped with data analysis, how to obtain the best measurements and provide data insights to network engineers.

2009 - 2010

Network Engineering Research Assistant

UFRGS (Partnership with Digistar), Porto Alegre, Brazil

- Conducted research and testing on MPLS network protocol implementations, including Linux kernel modifications and interoperability testing with Cisco equipment.

Education

2007 - 2016

Universidade Federal do Rio Grande do Sul

Bachelor of Applied Science (B.A.Sc.), Computer Science

- Graduated from one of the top 5 computer science programs in Brazil, recognized for its rigorous curriculum and emphasis on cutting-edge technology and research.
- Specialized in software engineering principles, which have been instrumental in my professional development and success in building resilient software architectures.
- Cultivated a passion for functional programming languages, enhancing my problem-solving skills and contributing to my proficiency in writing high-quality code.
- Delved into complex software development and database architecture, adopting best practices that have significantly improved the performance and scalability of the systems I've designed.
- Embraced leadership opportunities by mentoring peers, preparing me for supervisory roles and the management of diverse technical teams in my career

Tech Keywords

This is mainly targeted to recruiters and people alike

- Software Engineering
 - Principles and leadership
 - Databases
 - PostgreSQL
 - MySQL

- MongoDB
- Web related
 - Ruby
 - Ruby on Rails
 - Javascript (vanilla)
 - Python (flask)
 - NodeJS (express)
 - CSS with flex grid
 - Tailwind
 - Semantic HTML
- Systems, automation
 - Rust
 - Go
- Tooling
 - Git
 - Docker, LXC, containers
 - Linux shell
 - Linux administration
 - Fedora, NixOS
- Data Engineering
 - Data Warehouse
 - AWS Redshift
 - Databricks
 - Data processing
 - Python
 - Pandas
 - AWS Lambda
 - AWS Glue
 - Kinesis
- Data analysis
 - Metrics & measurements
 - Aggregating data from several sources
 - Providing insights
 - Budgets
 - SaaS metrics
 - Trends from time series data