

Gabriel Okazaki

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Summary

Professional with more than 5 years working with Tech and Data, as well as more than 4 years of experience with Finance. As someone motivated by challenges and growth, I am excited by the prospect of rapidly mastering new technologies and applying them to implement creative solutions.

Highlights of Qualifications

- Demonstrated work experience using Python, Pyspark and AWS to develop microservices and data pipelines, applying best practices of software development.
- Demonstrated verbal and written communication skills, having worked with multiple stakeholders from diverse functional areas.
- Experience in using Atlantis, Terraform, ArgoCD, Github Actions and Amazon EKS (Kubernetes) for CI/CD workflows.
- Proficient in using SQL, Python and Excel for data analysis, wrangling and automation of reports of financial data
- Demonstrated skills working with multiple databases such as AWS Athena (Presto), Hive, Snowflake and MongoDB.
- Experienced in utilizing Python and ML frameworks (Pytorch, Tensorflow) in a variety of datasets (structured and unstructured), to develop AI projects such as summarization, object detection, audio to text conversion.
- Experienced in utilizing data visualization tools such as Tableau, Looker and Metabase to create dashboards tailored to stakeholders needs.

Technical Skills

Python (4 years), SQL (5 years), Git (2 years), Spark (1 year), AWS - S3, EC2, ECS, EKS, Lambda, Athena, Glue (2 years)

Professional Experience

will bank | São Paulo (remote), Brazil

Data Engineer

08/2022 - Present

- Refactored and expanded the bank's credit engine, working with Python microservices, AWS stack, Terraform and DataDog for observability.
- Developed of a new data pipeline to periodically ingest datasets of over 150M rows instead of making on demand requests using PySpark, AWS Glue and AWS EKS, lowering monthly costs by 7%.
- Integrated pipelines with the data lake (AWS S3 + Athena), allowing data scientists to have access to new variables.
- Aligned with business teams to deploy new credit models and policies.
- Utilized SQL to extract performance metrics and generate samples for testing new features for business teams.

Data Analyst

06/2021 - 08/2022

- Developed exploratory and in-depth analysis to give inputs for business decision making, such as selection of fraud score suppliers and expansion of experiments using Python and Excel.
- Participated in the credit engine Data Engineering team, using Python and AWS to develop a new project that increased monthly approval rate by 3%.
- Created the acquisition funnel dashboard, modeling data with dbt and AWS Athena and visualization with Looker and Metabase.

TruckPad | São Paulo, Brazil

Data Analyst

09/2019 - 06/2021

- Built dashboards and analysis for different areas of the company (Product, Marketing and Operations), such as retention cohorts in Periscope (data viz tool).
- Coordinated the migration of the business intelligence database from MySQL to Postgres.
- Developed exploratory and in-depth analysis to give inputs for business decision making, such as A-ha moment framework analysis.

Loggi | São Paulo, Brazil

Finance Analyst

04/2018 - 08/2019

- Responsible for the Billing, Receiving, and Reimbursement processes, creating routines and reports for each process.
- Coordinated the team and trained two interns.
- Consolidated reports for accounting (Revenue, Accounts Receivable, Provision for Bad Debts) using SQL for extracting data (Looker).

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Finenge | São Paulo, Brazil

Finance Analyst

06/2017 - 04/2018

- Provided consulting for companies in search of long-term funding.
- Complex financial modeling using accounting and financial statements, customers' business and strategical planning and market research.
- Produced investment thesis presentations and memorandums by working collaboratively with customers, including onsite visits.

Aqua Capital | São Paulo, Brazil

Intern

01/2016 - 12/2016

- Developed valuation models.
- Investment thesis presentations.
- Market data research.

Education / Certifications

George Brown College | Toronto, ON

Applied A.I. Solutions Development

01/2024 - 12/2024

Ontario College Graduate Certificate (Postgraduate) - Ongoing

- Utilized Python and ML frameworks (Pytorch, Tensorflow) in a variety of datasets (structured and unstructured), to develop AI projects such as motion detection, audio to text conversion, classification and regression algorithms and text summarization.
- Developed data visualization projects using Tableau and PowerBI.
- Developed project uploading big datasets to multiple sources (MongoDB, Snowflake and Hive) and joining them with Pyspark.

Universidade de São Paulo | São Paulo, Brazil

Production Engineering

02/2012 - 02/2017

Bachelor's degree

AWS Certified Cloud Practitioner

09/2023

CFA Level I

01/2020

Personal Projects

[XPE Challenge](#)

Data Engineering project with Python, Terraform, AWS and Pyspark.

[Market basket analysis with Pyspark](#)

Project showing an implementation of market basket analysis with Python and Pyspark.

[MongoDB + Streamlit](#)

Web app with Streamlit hosted on Heroku reading data from MongoDB Atlas.

[Faker + Clusters in Tableau](#)

Using Python, pandas and the Faker library to generate artificial datasets with some trends, such as clusters that can be visualized with the help of a data viz tool like Tableau.

[SAR Sentence Classification](#)

Neural network project using Bi-directional LSTM to classify sentences.