YGOR SILVA SANTOS

Senior Data Scientist

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São Paulo, Brazil (open to remote work)

SUMMARY

Senior Data Scientist working with data since 2020. I build ingestion, search and analytics pipelines with OpenSearch/ELK Stack, Python and Go, and bring NLP and LLM models into business processes. At Ardeo, I cut ETL memory usage by 50% and monthly infrastructure costs by 30%, and I mentor the technical team. Fluent in English (C1), with time living in New Zealand and travelling across Asia, and experienced in agile squads turning business needs into measurable results.

TECHNICAL SKILLS

- **Languages:** Python, Go, SQL, R, PHP, JavaScript/TypeScript
- **Data science:** Pandas, NumPy, Scikit-Learn; statistics, data modeling, machine learning, deep learning, NLP and LLMs (OpenAI)
- **Data & search:** OpenSearch, Elasticsearch (ELK Stack), PostgreSQL, NoSQL databases
- **Visualization:** Power BI, Kibana / OpenSearch Dashboards, Tableau, Excel
- **Engineering & DevOps:** Git, Docker, CI/CD, Linux, NGINX, Shell Script, PowerShell, Jupyter; web scraping (Selenium, BeautifulSoup)
- **Web & cloud:** Node.js, Angular, NestJS, Django, WordPress; AWS, Azure

PROFESSIONAL EXPERIENCE

Ardeo – Senior Data Scientist *Nov 2025 – Present | São Paulo, Brazil*

- Built OpenSearch ingestion and indexing pipelines that process **100k+ records per day**, with real-time KPI dashboards in OpenSearch Dashboards.
- Refactored the **ETL** processes, cutting **memory usage by 50%** and **monthly infrastructure costs by 30%**.
- Integrated **NLP and LLM models (OpenAI)** into decision-making processes, extracting information from unstructured data.
- **Mentor 3+ Junior and Mid-level professionals** (clean code and statistical modeling) and set the team's standard for technical documentation and analytical reports, using Scrum/Kanban.

Casa de Acolhida Isabel Soler – IT Consultant *Dec 2023 – Mar 2024 | Remote (while travelling)*

- Gathered requirements with the staff and turned the organization's needs into tailored data solutions.
- Automated routine tasks with **Python** and **PowerShell**, with CI/CD workflows, reducing manual errors.
- Built **Power BI** dashboards to track KPIs and support management decisions.

Ardeo – Mid-level Data Scientist *Sep 2022 – Dec 2023 | São Paulo, Brazil*

- Built and maintained web-scraping-fed data pipelines (**ETL / ELK Stack**) processing **100k+ records per day**.
- Developed descriptive and prescriptive analyses to optimize marketing campaigns.
- Led the definition of **data governance, lineage and quality** policies within cross-functional squads.

Brasil de Fato – Junior Software Developer *Sep 2021 – Sep 2022 | São Paulo, Brazil*

- Developed the editorial workflow management system (**Node.js, Angular, TypeScript**), with services running in Docker.
- Migrated the CMS from Ruby on Rails to **WordPress**, reducing technical debt and simplifying the editors' work.
- Wrote the project's technical documentation and playbooks, shortening onboarding for new developers.

Projeto Articulação de Redes – Junior Data Scientist *Mar 2020 – Sep 2021 | São Paulo, Brazil*

- Automated **ETL** pipelines with Docker and Shell Script, cutting **operational effort by 50%**.
- Created **Kibana** dashboards to track engagement metrics and guide campaigns.

INTERNATIONAL EXPERIENCE

Asia & New Zealand *Jan 2024 – Sep 2025*

- 8 months travelling across Asian countries and 1 year living in New Zealand, using English daily and connecting with local professional communities.

PROJECTS

- **gor.dev.br** (2026) – Bilingual (PT/EN) personal portfolio with projects and articles, built with Astro and deployed on Cloudflare Pages.
- **Fiji Sky English School** (2024) – Development and infrastructure of the English school's website, including course enrollment.

EDUCATION

B.S. in Data Science *Expected graduation: 2027*

Universidade Virtual do Estado de São Paulo – UNIVESP

Associate Degree in Systems Analysis and Development *2017 – 2021*

Faculdade de Tecnologia do Estado de São Paulo – FATEC (transferred to the B.S.)

Legal Services Technician *2016 – 2017*

Etec Getúlio Vargas

CERTIFICATIONS

- Python Associate Certification – OpenEDG
- edX – Data Science: R Basics, Visualization, Probability, Inference and Modeling, Productivity Tools, Wrangling
- Alura – Django and Go tracks

LANGUAGES

Portuguese (native) · English (C1 – advanced)