

Douglas Mendes

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SUMMARY

My career in technology is defined by strong analytical problem-solving, showcased in my data analysis and management roles where I effectively handled complex datasets for business growth. As a Professor, I excelled in communicating and teaching complex computer science concepts. I'm known for my adaptability and continuous learning, moving fluidly across various technologies and roles. My master's research in data compression highlights my innovative contributions to computer science. These skills, combined with my technical expertise, make me a dynamic and effective professional in the tech industry.

TECHNOLOGIES AND LANGUAGES

Languages: Python, Matlab, R, Java.

Technologies: PostgreSQL, OOP, Git, Excel, Looker Data Studio, JIRA, Power BI, Bash and Linux.

EMPLOYMENT & EXPERIENCE

Data Analyst

Remote

Investor Machine

Jul 2022 – Oct 2023

- Developed a project to identify potential investors from property lists. This initiative resulted in **over \$200,000 acquiring new clients and re-engaging past ones.**
- Designed reports and dashboards to monitor KPIs of **more than 50 employees**, using **Looker Data Studio**.
- Assisted in crafting new products supported by robust data processes.
- Created robust ETL process Manipulate in **PostgreSQL**, **identify patterns**, and **boost query performance**.

Professor

Piauí, Brazil

IESM College

Jun 2018 – May 2021

- Taught subjects related to Computer Science, such as: Object-Oriented Programming, Data Structures, Database Management, among others.
- Employed a mix of lectures, discussions, and hands-on exercises to ensure comprehensive understanding and the development of technical and non-technical skills.

Data Manager

Piauí, Brazil

Planning Secretariat of the State of Piauí

Mar 2019 – Feb 2020

- Gathered and processed public data used to support the state's strategic planning. Data sources include: **IBGE**, **SIDRA**, **CAGED**, among others.
- Led a team of 15 people** in a field data collection process. The results of the research provide medical, social and economic assistance to more than **500 residents**.

Technical Support / Distance Learning Center

Piauí, Brazil

Piauí State University

Jun 2018 – May 2021

- Managed Linux servers to maintain MOODLE learning environments for more than 23 courses with approximately **15,000 active users**.
- Implemented an efficient backup system on Linux servers, using **Bash Script** on **Debian**, improving disk space management.
- Provided support and training for students and teachers on how to use MOODLE.
- Contributed to consistent user support, addressing technical issues via the **Help Desk**.

EDUCATION

State University of Piauí

2017 - 2019

Master's Degree in Computer Science

- An adaptive data compression mechanism for smart meters considering a demand side management scenario. (*Journal of Cleaner Production*, 2020).

State University of Piauí

2012 - 2016

Bachelor's Degree in Computer Science