Gerson Barroso

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ABOUT ME

Information Technology professional with experience in application support and focus on transition to data analysis.

Working at EMIS since 2019, I have a solid background in Computer Engineering from the Catholic University of Angola (2018) and I am currently improving my skills in data analysis with Python.

I have strong knowledge in Java and Python programming, as well as task automation with Bash scripts for Linux, including log monitoring and alarming.

Easy to work in a team and focused on continuous development, I am looking for an opportunity to apply my experience in technical support and analytical skills in a role focused on data analysis.

WORK EXPERIENCE

Application technology engineer
EMIS

City: Luanda | **Country:** Angola | **Website:** www.emis.ao | **Name of unit or department:** DTIAN - **Business or sector:** Information and communication

- Providing effective support for various enterprise applications used internally and externally.
- Monitoring system services to ensure high availability and performance.
- Troubleshooting and resolving business application issues, ensuring minimal downtime.
- Documenting solutions and best practices to enhance team transparency and autonomy.
- Developing and configuring application alerts for proactive issue detection.
- Designing interactive log-based dashboards for statistical analysis using Python.
- Deploying and managing applications on WildFly and WebSphere application servers.
- Performing exploratory data analysis and extracting key business metrics using SQL.
- Creating and monitoring key performance indicators (KPIs) in Zabbix.
- Configuring alerts and thresholds in Zabbix for proactive monitoring.
- Visualizing system and application metrics in Grafana for real-time insights.

EDUCATION AND TRAINING

Degree in computer engineering
UCAN [01/03/2014 – 28/12/2018]

City: Luanda | **Country:** Angola | **Website:** https://ucan.ao/ | **Field(s) of study:** Information and Communication Technologies: ● Information and Communication Technologies (ICTs) not further defined | **Final grade:** 14/20

LANGUAGE SKILLS

Mother tongue(s): Portuguese

Other language(s):

English

LISTENING B1 **READING** B2 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Data analysis in python

Flask Web Framework / Python Libraries (Numpy-Pandas-seaborn-Matplotlib) / Python Language - Basic knowledge / Web Technologies Fundamentals - HTML, CSS

Java

JSP + JSTL + JSF (advanced level)

SysOp Knowledge

Linux (Terminal Commands, Bash/Shell) / Knowledge of Zabbix & Grafana / Grafana Montironig

CREATIVE WORKS

[25/01/2023 – 10/10/2023]
Some study projects at Tripleten Academy
https://github.com/barrosogerson/ProjectosPracticum

StrataScratch Studies
https://platform.stratascratch.com/user/gb

[22/10/2022 – Current]
Datacamp Profile
https://www.datacamp.com/portfolio/gersonbarroso