**Laurindo C. Benjamim**

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**SUMMARY**

Data Engineer and Software Developer with 2 years of experience in building and deploying IT solutions. Expertise includes ETL processes, data pipelines, cloud computing, and full-stack development. Skilled in Python, SQL, Apache Airflow, and AWS, with a strong background in machine learning, data warehousing and analytics.

**CORE SKILLS**

* **Data Engineering:** ETL processes, data pipelines, Apache Kafka, Apache Airflow, shell scripting
* **Data Warehousing & BI:** IBM Cognos Analytics, MS PowerBI, Star and Snowflake Schema, Cube and Rollup
* **Software Development:** Python, Java, JavaScript, Flask, Angular, Node.js, Spring Boot, unit testing
* **Cloud Computing:** AWS EC2, Elastic Beanstalk, IBM Db2, Heroku, Google Cloud
* **Database Management:** MySQL, PostgreSQL, MongoDB, Cassandra, IBM Cloudant
* **Other Skills:** Web development (HTML, CSS, JavaScript), Marketing (Google AdSense, Google Search Console)

**PROFESSIONAL EXPERIENCE**

**Data Engineering & Software Development Projects**

*Self-Initiated & Academic*

**January 2024 - Present**

* **Shopping Application Development:** Developed a modular shopping application with CRUD capabilities using Python, Flask, and PostgreSQL on Google Cloud. Managed front-end with JavaScript, HTML, and CSS, and deployed via Heroku.
* **Solid Waste Management ETL Pipeline:** Designed and implemented an ETL pipeline for a recycling company to consolidate and process data across multiple sources. Successfully normalized data for reporting and dashboard integration.
* **Weather Data Extraction:** Developed an ETL application using shell scripts to fetch and process data from an online repository, achieving accurate weather data extraction.
* **Sentiment Analysis Application:** Built a sentiment analysis tool using Flask and IBM Watson NLP API, achieving approximately 90% prediction accuracy.

**Python and Web Development Trainer**

*Charkcoders, Gaia, Portugal*

**September 2023 – Present**

* Provided Python and web development training to students aged 11-17, achieving a 75-90% success rate in skills acquisition.

**Full-Stack Developer**

*Instituto Politécnico Privado Esperança do Lubango, Angola*

**January 2018 - November 2021**

* Developed a desktop file management system in Java, achieving a 98% implementation rate for project requirements.

**Full-Stack Developer**

*ELT - Contas, lda, Lubango, Angola*

**March 2019 - September 2021**

* Created a shopping web application using Laravel, achieving 70% of the project requirements.

### **EDUCATION**

* **Master's in Biomedical Engineering**, Universidade Católica Portuguesa do Porto, Portugal (In Progress, 2023 – Present)
* **Tecnologo in Analysis and Systems Development**, AIEC Brasil (2021)
* **Bachelor’s in Computer Engineering**, Universidade José Eduardo dos Santos, Angola (2017)

### **CERTIFICATIONS**

* **IBM Data Engineering Professional Certificate**, Coursera (2024 – Present)
* **IBM Full Stack Software Developer Professional Certificate**, Coursera (2024)

### **LANGUAGES**

Portuguese – Native

English – Intermediate (B1)

Spanish – Basic

### **PORTFOLIO**

For project examples and additional work, please visit: <https://www.d-tuning.com/profile/laurindo-c-benjamim>