

Laurindo C. Benjamim

Porto, Portugal | (+351) 93-344-3506 | laurindocbenjamim@gmail.com | <https://www.linkedin.com/in/laurindocbenjamim/>

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, Databricks tools, Data Factory, 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>