

**Leo Badigra**

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## Professional Summary

Adaptable **Data Professional** with expertise spanning **data engineering**, **machine learning**, and **backend development**. Proven ability to design **ETL pipelines**, optimize databases, and deliver **data-driven solutions** using **Python**, **SQL**, **AWS**, and **Azure**. I Combine technical proficiency in **AI/ML models**, **RESTful APIs**, and **cloud platforms** with strong analytical, communication, and organizational skills.

## Technical Skills

- **Programming & Tools:** Python (Pandas, NumPy, Scikit-Learn, TensorFlow, PySpark), SQL, Bash, Node.js, Flask
- **Cloud & DevOps:** AWS (S3, Lambda, SageMaker, EC2), Azure (Data Factory, Databricks), Docker, CI/CD, Airflow
- **Data Engineering:** ETL/ELT pipelines, Data Warehousing, Database Optimization, RESTful APIs, Data Modeling
- **Visualization & BI Tools:** Power BI, Tableau, Matplotlib
- **Databases:** PostgreSQL, MySQL, NoSQL, Oracle
- **Additional:** Git, Odoo, Linux, Keycloak

## Professional Experience

**Freelance Backend Developer** YesLove, Remote, UK | Jan 2025 – Present

- Designed **scalable backend infrastructure** using **Flask** for a startup's mobile app, integrating **RESTful APIs** for seamless data flow.
- Managed **SQL/NoSQL database interactions** and deployed solutions via **Docker** and **CI/CD pipelines**.

**Data Science Intern** Lending Club (via ELVTR Training), Remote, UK | Aug 2024 – Nov 2024

- Developed a **fraud detection model** using **Python** and **Scikit-Learn**, improving accuracy by **18%**.
- Engineered an **ETL pipeline** to preprocess 50k+ loan records (**Pandas**, **SQL**).
- Created **interactive dashboards** (Power BI) to visualize fraud patterns for stakeholders.

**Data Analyst Intern** RE24, UK | Jun 2023 – Oct 2023

- Processed **large-scale datasets** using **SQL** and **AWS**, building **Power BI dashboards** to track KPIs.
- Optimized **AWS-based data pipelines**, reducing query latency by **30%** through indexing strategies.

**Odoo Developer Intern** Sapientia, UK | Apr 2023 – Jun 2023

- Automated workflows by **25%** via **custom Odoo modules** developed in **Python** and **Docker**.
- Enhanced ERP operations through **SQL database integration** and schema design.

**Administrative & Customer Support Specialist** AtoZ Interpretation, UK | Jan 2024 – Present

- Maintained **98% client satisfaction** by resolving inquiries and managing documentation efficiently.
- Utilized **Excel** for data interpretation and reporting, improving administrative workflows.

## Education

**MSc Artificial Intelligence & Data Science (Distinction, CGPA: 11.4/12)** Keele University, UK

- **Key Modules:** Machine Learning, Data Analytics, Distributed Systems, IoT

**Bachelor of Computer Applications (First Class, CGPA: 7.58/10)** Reva University, India

- **Key Modules:** Data Warehousing, Cloud Computing, Algorithms, Python Programming

## Projects

### Loan Fraud Prediction App | *Python, SQL, Scikit-Learn*

- Built an ML model to detect fraudulent loans, boosting accuracy by **18%** using **AWS S3** for data storage.

### Lottery Number Prediction Model | *TensorFlow, Random Forest*

- Designed a predictive model with **LSTMs** and **ETL pipelines**, trained on 10+ years of historical data.

### ERP Workflow Automation | *Python, Docker, Odoo*

- Streamlined operations by **25%** through custom ERP modules and **database optimization**.

## Certifications

- **Data Science in Finance** (ELVTR, 2024)
- **DevOps with AWS** (2024)
- **Data Visualization & Machine Learning** (2023)

## Languages

- **English** (Fluent), **French** (Native)