Isaias G
Senior ETL and Data Engineer

SUMMARY

- Over 6 years of experience with high-volume data platforms (PySpark, Databricks), and orchestrating pipelines with Apache Airflow and Azure Data Factory. AWS and Azure cloud services for ELT processes.
- Delivered consulting services for Banking (Santander), Retail (Mango, Zalando), Insurance (Reale Seguros), and Industry (Telefónica, Técnicas Reunidas) on Databricks Lakehouse adoption and data platform strategy.
- Strong background in ML model industrialization, ETL processes, and optimization of Spark configurations
- Hosted the first Databricks User Group Meetup in Madrid and attended the DAIS 2025 in San Francisco.

TECHNICAL SKILLS

Main Technical Skills	Databricks (5 yr.), Azure Data Factory (2 yr.), AWS Glue, PySpark (2 yr.), SQL
Programming Languages	Python (5 yr.)
AI & Machine Learning	AI, Azure AI, Machine Learning Models
Java Frameworks	Apache Spark
Scala Frameworks	Apache Spark
Python Frameworks	Flask (1 yr.)
Salesforce Ecosystem	Google Ads (3 yr.)
Social Media Merketing	Google Ads (3 yr.)
Python Libraries and Tools	PySpark (2 yr.), pytest (1 yr.)
Data Analysis and Visualization Technologies	Apache Airflow (2 yr.), Apache Spark, Azure Data Factory (2 yr.), Databricks (5 yr.), ELT, ETL, Lakehouse, ML, Talend (1 yr.)
Databases & Management Systems / ORM	Apache Spark, AWS Redshift, MySQL (3 yr.), PostgreSQL (1 yr.), SQL, SQLite (3 yr.), SSIS
UI Frameworks, Libraries, and Browsers	HTML5 (3 yr.)
Cloud Platforms, Services & Computing	AWS (2 yr.), Azure (2 yr.)
Amazon Web Services	AWS DMS, AWS Glue, AWS Redshift, AWS S3

Azure Cloud Services	Azure AI, Azure Blueprints (1 yr.), Azure Cloud Services, Azure Data Factory (2 yr.), Databricks (5 yr.)
Industry Domain Experience	Banking, Marketing, retail
UI/UX/Wireframing	3D Modelling
SDK / API and Integrations	API (2 yr.), OpenAPI, RESTful API
Deployment, CI/CD & Administration	CI/CD
Virtualization, Containers and Orchestration	Docker (1 yr.), Terraform (2 yr.), VmWare (3 yr.)
Version Control	Nexus
Methodologies, Paradigms and Patterns	OOP, REST
QA, Test Automation, Security	pytest (1 yr.)
Third Party Tools / IDEs / SDK / Services	Web Services
Other Technical Skills	Blender 3D (1 yr.), Data Management, Data Platform, Generative AI, Liaison, Maya (1 yr.), SAN, Substance painter (1 yr.), Unreal Engine (3 yr.), Virtual Reality

WORK EXPERIENCE

Data Platform Engineer - Banking, Retail, and Insurance Clients.

Duration: December 2025 - Present (8 months)

Summary:

- Lead and Data Platform Engineer delivering end-to-end data solutions for banking, retail, and insurance clients
- Focus on scalable cloud architectures on AWS emphasizing reliability, cost efficiency, and governance
- Build and operate high-volume data platforms, industrialize ML models, and develop Python APIs

Responsibilities:

- Translate functional and technical requirements into scalable cloud architectures on AWS.
- Build and operate high-volume data platforms using PySpark and Databricks.
- Industrialize ML models from experimentation to production.
- Develop robust Python APIs to expose data and services.
- Design and automate resilient pipelines with Apache Airflow and Azure Data Factory.
- Implement Infrastructure as Code using Terraform for repeatable, auditable deployments.

Technologies: AWS, PySpark, Databricks, Python, Apache Airflow, Azure Data Factory, Terraform

Databricks Lead - Latorre Digital Nexus

Duration: March 2024 - December 2025 (1 year 10 month)

Summary:

- Provided consulting services with expertise in Databricks and cloud solutions for clients in banking, retail, and insurance sectors
- Delivered cloud solutions on AWS and Azure with a focus on data management and ML model industrialization

Responsibilities:

- Gather technical and functional requirements.
- Design and implement cloud solutions on AWS and Azure.
- Manage large volumes of data using PySpark.
- Orchestrate data pipelines with Apache Airflow and Azure Data Factory.
- Industrialize machine learning models.
- Develop Python APIs.
- Implement Infrastructure as Code with Terraform.

Technologies: Databricks, AWS, Azure, PySpark, Apache Airflow, Azure Data Factory, Terraform, Python

Lead Senior Data Engineer - Santander Bank (Anti-Money Laundering and Terrorism Financing Prevention Project)

Duration: March 2023 - May 2025 (2 years 3 months)

Summary:

- Development of a project focused on preventing money laundering and terrorism financing in banking and cloud environments
- Managed large data volumes and optimized Spark configurations

Responsibilities:

- Develop solutions in banking and cloud environments.
- Handle large volumes of data.
- Optimize Spark resource configurations.
- Use Thetaray technology.
- Manage releases.
- Act as liaison between Architecture and technical teams.
- Manage and supervise developers.
- Participate in international projects.

Technologies: Spark, Thetaray

Data Engineer - Telefónica

Duration: June 2022 - March 2023 (10 months)

Summary: Developed an API to manage company product certificates and their renewals using RESTful services and containerized applications.

Responsibilities:

- Develop API using REST, Python, Flask, AIRFLOW, OpenAPI, and PostgreSQL.
- Use Docker for container management.
- Review and control code quality with tests (Pytest), code coverage, and documentation.
- Manage and create ETLs with Python for data cleaning.

Technologies: Python, Flask, AIRFLOW, OpenAPI, PostgreSQL, Docker, Pytest

Desarrollador Python - Laboratorio GL (Database Management, Marketing Campaigns, and Web Development)

Duration: October 2018 - June 2022 (3 years 9 months)

Summary:

- Developed and managed databases, conducted marketing campaigns, maintained servers, and developed websites
- Used virtual machines to address compatibility issues with legacy systems

Responsibilities:

- Develop and manage databases using Python, MySQL, and SQLite.
- Conduct marketing campaigns with Google Adwords for client acquisition.
- Create and maintain servers.
- Design, develop, and maintain websites in HTML5.
- Use VMWare virtual machines to resolve compatibility issues with obsolete systems.

Technologies: Python, MySQL, SQLite, Google Adwords, HTML5, VMWare

Programador y desarrollador - Viar Warfare

Duration: September 2017 - October 2018 (1 year 2 months)

Summary: Developed object-oriented programming in Blueprint and created virtual reality scenarios using Unreal Engine 4 and 3D modeling tools.

Responsibilities:

- Program in Blueprint (object-oriented programming).
- Use Unreal Engine 4 for development.
- Create 3D models using 3D Studio, Blender, Maya, and Substance Painter.
- Create virtual reality scenarios.

Technologies: Blueprint, Unreal Engine 4, 3D Studio, Blender, Maya, Substance Painter

CERTIFICATION

- **Databricks Certified Data Analyst Associate**
  June 2025
  Databricks - Id 149012350 - Credential
- **Databricks Certified Data Engineer Professional**
  January 2025
  Databricks - Id 131115630 - Credential

- **Academy Accreditation - AWS Databricks Platform Architect**
  January 2025
  Databricks - Id 130242046 - Credential
- **Academy Accreditation - Generative AI Fundamentals**
  January 2025
  Databricks - Id 129648581 - Credential
- **Academy Accreditation - Databricks Fundamentals**
  January 2025
  Databricks - Id 129702130 - Credential
- **Databricks Certified Data Engineer Associate**
  December 2024
  Databricks - Id 124833306 - Credential
- **Databricks Certified Associate Developer For Apache Spark 3.0**
  October 2024
  Databricks - Id 117636075 - Credential
- **Platform Administrator**
  September 2024
  Databricks - Id 116923868 - Credential
- **Apache Airflow Fundamentals**
  June 2024
  Astronomer - Id 88339373 - Credential
- **AWS Certified Cloud Practitioner**
  November 2023
  Amazon Web Services (AWS) Id 4D0X87Lcvnrq1Twq - Credential
- **Ai-900**
  January 2023
  Microsoft Azure AI Fundamentals
- **Dp-900**
  October 2022
  Microsoft Azure Data Fundamentals

EDUCATION

- **University of Seville**
  Bachelor's Degree in Computer Engineering
  2014 – 2018

OTHER

- Hosted the first Databricks User Group Meetup in Madrid (link upon request)
- Attended the DAIS 2025 in San Francisco (link upon request).