Ruben Encinas Moreno

Data Engineer

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Professional Summary

Certified Data Engineer with AWS and IBM credentials, experienced in ETL pipelines, SQL databases, and data warehouse design. Bioengineering graduate focused on building scalable cloud data solutions and enabling data-driven insights.

Certifications and Courses

AWS Certified Data Engineer – Associate, *Amazon Web Services | 2025*

Credential Verification: AWS-DEA-C01

Built scalable ETL pipelines, applied data modeling, and delivered analytics using multiple AWS services, including S3 and Glue.

IBM Data Engineering Professional Certificate, *Coursera | 2025*

Credential Verification: IBM Data Engineering

Hands-on training focused on ETL development, Python, SQL, and working with relational, NoSQL, and data warehousing platforms.

Projects

AWS–Snowflake E-commerce ETL Pipeline
- Built an end-to-end ETL pipeline using AWS S3, Glue, and Snowflake for data ingestion and transformation.
- Designed SQL-based transformations and performed data validation with a focus on scalable, cost-aware architecture.

COVID-19 Data ETL Pipeline
- Developed a Python-based ETL pipeline to clean and load COVID-19 data into PostgreSQL using pandas and SQL.
- Enabled structured, query-ready datasets for downstream analysis and trend exploration.

Professional Experience

Freelance AI Contributor, *Outlier | Remote | Nov 2024 – Present*

Reviewed and validated large language model outputs, ensuring accuracy, consistency, and high-quality analytical feedback.

Intern, *University of California San Diego | La Jolla, CA, USA | Aug 2023 – Dec 2023*

Collected and analyzed biomedical data for a blood storage research project under anaerobic conditions, documenting quantitative results for technical reports.

Education

M.S. in Big Data (In Progress), *Universidad Autónoma de Guadalajara | 2026 – Expected 2027*

Graduate program focused on big data architectures, data engineering, data analytics, and large-scale data processing.

B.S. in Bioengineering (Honorable Mention), *Universidad Autónoma de Baja California | 2024*

Academic foundation in bioinformatics, statistics, data analysis, and programming, with exposure to digital signal processing.

Technical and Professional Skills

- **Programming:** Python, SQL
- **Cloud & Infrastructure:** AWS (S3, Glue, Redshift, Lambda, Kinesis, IAM, Athena), Snowflake, Docker
- **Databases:** MySQL, PostgreSQL, IBM Db2
- **BI & Visualization:** Amazon QuickSight, Google Looker, IBM Cognos
- **Version Control:** Git
- **Familiar with:** MongoDB, Cassandra, Airflow, Kafka, Spark, Hadoop
- **Core Competencies:** ETL pipeline development, data modeling, analytical thinking, documentation, and teamwork
- **Languages:** Spanish (Native), English (B2 – TOEFL iBT)