

JOSE LORENZO RODRIGUEZ

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TECHNICAL SKILLS

Programming Languages: Python, SQL, T-SQL, Bash, PowerShell, Java, Scala

ETL & Data Orchestration: Azure Data Factory, Apache Airflow, Apache NiFi, Talend, Informatica, SSIS, DBT (Data Build Tool), DataStage

Big Data & Distributed Computing: Apache Spark (PySpark, Scala), Databricks, Hadoop, Apache Flink, Delta Lake, Snowflake

Streaming & Change Data Capture (CDC): Apache Kafka, Debezium, Kafka Connect, Spark Structured Streaming, Azure Event Hubs

DevOps & CI/CD: Terraform, GitHub Actions, Azure DevOps, Docker, Kubernetes, Terraform, GitHub Actions, Azure DevOps, Docker, Kubernetes

Data Storage & Lakes: ADLS Gen2, Amazon S3, HDFS, Delta Lake, SQL Server, PostgreSQL

PROFESSIONAL EXPERIENCE

Sarah Cannon Research Institute (Mckesson)

DevOps Engineer

Nashville, TN, USA

September 2023 - Present

- Designed and implemented an enterprise-grade medallion architecture using Azure Data Factory and Databricks, streamlining ingestion and curation across Bronze, Silver, and Gold layers.
- Developed a unified DataOps automation framework using GitHub Actions, Databricks Bundle API, and ARM Template Specs to enable CI/CD for infrastructure and pipelines.
- Delivered near real-time ingestion from on-prem to cloud systems by integrating RESTful APIs (Microsoft Graph, SharePoint, Azure Functions).
- Provisioned and governed Databricks workspaces using Terraform and Asset Bundles, including cluster policies and security baselines.
- Enforced HIPAA-aligned governance using Unity Catalog with SCIM-based access provisioning, row-level security, and encryption.
- Operationalized streaming ingestion via Autoloader and Delta Live Tables, supporting modular real-time data processing.
- Authored architecture docs, onboarding runbooks, and deployment playbooks to support long-term platform sustainability.

USAA

DevOps Engineer

San Antonio, TX, USA

June 2021 - September 2023

- Designed scalable, modular ETL pipelines on AWS, orchestrated with Apache Airflow on Kubernetes, to support large-scale financial data processing.
- Built change data capture (CDC) pipelines using Debezium Kafka connectors and AWS Glue Streaming for upserts into Redshift, enabling near real-time processing while minimizing load on source systems.
- Automated deployments with GitLab CI/CD, improving reliability and reducing time-to-production.
- Added real-time monitoring and alerting to Airflow DAGs for quicker issue detection and resolution.
- Worked with analysts to create reusable Snowflake models and marts for efficient, self-serve BI adoption.
- Created detailed runbooks and onboarding materials to streamline team growth and support.

Apidel Technologies

Junior DevOps Engineer (Associate)

San Antonio, TX, USA

November 2019 - November 2020

- Documented processes and procedures for server administration, deployment, monitoring, and incident resolution, improving team knowledge-sharing and operational consistency.
- Performed system patching and updates on Linux servers, ensuring compliance with security standards and maintaining system stability through proactive vulnerability management.
- Implemented backup and disaster recovery plans for Linux-based environments, ensuring business continuity and minimizing data loss during outages or system failures.
- Collaborated with cross-functional teams to design deployment strategies, optimize performance, and ensure that applications were deployed efficiently and securely.
- Troubleshooted and resolved server-related issues, including application failures, connectivity issues, and system resource constraints, reducing downtime by 25%.

EDUCATION

University of Texas - San Antonio

Bachelor's, Mathematics

August 2017 - August 2019

CERTIFICATIONS

AWS Certified Developer – Associate (September 2022)

Databricks Certified Data Engineer Professional (March 2025)