




Irvic Rodríguez

Dedicated, detail-oriented, and adaptive team player with over 9 years of experience in the Analytics, Data Engineering & DevOps field.

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TECHNICAL SKILLS

SQL	HADOOP	GITHUB	SUPERVISED &	TIMESERIES	AWS
PYTHON	DOCKER	ACTIONS	UNSUPERVISED	FORECASTING	SOLUTIONS
SPARK	POSTGRES	AWS	LEARNING	ENSEMBLE	ARCHITECT
TABLEAU	JAVASCRIPT	KUBERNETES	REGRESSION	TECHNIQUES	CERTIFIED
GIT	TERRAFORM	DOCKER	TECHNIQUES	RECOMMENDERS	



ADDITIONALLY



EMPLOYMENT

2021 - CURRENT || BRAVADO HEALTH || DATA & DEVOPS ENGINEERING

- Leading a team of 4 + sole contributors ranging from SQL developers, Healthcare Integration Engineers & DevOps Engineers.
- Built a backend application database and data pipelines for an entire health organization.
- Created a Data Lake that is used for analytical reporting and ML model building using AWS Lake Formation and AWS Glue, Athena & Sagemaker.
- Used Tableau & Apache superset for reporting and visualizations of new application data connected to the Data Lake
- Automated reporting infrastructure & data pipelines using Terraform
- Connected AWS services to monitoring tools like Datadog and OpenSearch to understand usage and monitor for errors in processes
- Helped in the integration of external health data using third party tools like Mirth and home-grown solutions using Python an Javascript.
- Connected data pipelines to multiple health care data sources (Modmed, E-clinical works and Surgimate).
- Managed and created GitHub Actions to automate terraform and docker deployments
- Created ETL for Medicare HCC scores for patients using snowflake.
- Created data pipelines between AWS S3/Glue(data lake) and snowflake.
- Administered networking configs and security between snowflake and AWS services.

2018 - 2021 || VIRGIN PULSE (FORMERLY YARO) || LEAD DATA ENGINEER

- Worked on enablement of Kafka streams to power reporting & analytics
- Helping in creating analytical insights using Spark, Python, & Presto
- Automating cloud infrastructure using Amazon Web Service & Terraform
- Established ETL jobs to use Kafka, AWS Glue & moving some dashboards to be real time using Apache Pinot & Superset
- Led the creation of automatic analytical insights for health plan benefits navigation.
- Created entire data model and ETL processes for Blue Cross Blue Shield of Rhode Island: Your Blue Touch App.
- Lead a team of 4 engineers and managing scrum ceremonies.
- Implemented change data capture using Apache Iceberg from Kafka Stream.

2017 - 2018 || INFUTOR || MACHINE LEARNING & DATA ENGINEERING MANAGER

- Created analytics infrastructure using Amazon Web Services.
- Established an overseas team of 4 data engineers to help create a Data Lake, Operational Databases, and to implement analytical models built by the Data Science Team.
- Refined current Oracle ETL batch jobs by using AWS Glue & Snowflake.
- Implemented Data Lake System in less than 6 months.



EDUCATION

BACHELORS OF SCIENCE || INTERDISCIPLINARY SCIENCES || UNIVERSITY OF PUERTO RICO
MASTERS OF SCIENCE || PREDICTIVE ANALYTICS || MINOR IN COMPUTATIONAL METHODS ||
DEPAUL UNIVERSITY