Luis Velez

Chief Technology Officer

Contact

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Tech Skills

Languages: Scala, C#, Python, C++, Shell (Scripting), SQL, JS & TypeScript, HTML & CSS

Data Storage & Processing: Spark, ALDS/GCS/S3, Databricks, Snowflake, RDBMS, ELK Stack, Netezza, Mongo, Kafka/Confluent

Cloud Ecosystem: Azure/GCP/AWS

Library & Frameworks: Node JS, React, Kubernetes, Hortonwork

Devops: Terraform (IaC), Azure Devops, Github, Helm

Soft Skills

Leadership: Successfully built and expanded teams always building a strong connection with the individuals and their commitment to the mission.

Agile: Extensive experience building & leading teams.

Communication: Able to communicate clearly at different technical levels.

Work History

2021-08 - Current

Chief Technology Officer

Company: *Customer X.i*   ***Region:*** *Dallas, TX*

· Hired & trained **technology team (25+)** from multiple disciplines (**Architecture/Software/Devops/Quality/Data & UI/UX**)

· Built **multiple enterprise-level web applications** on **Azure Cloud Infrastructure & Kubernetes**. These applications allowed users to self-onboard their Point-of-Sales data using pre-built connectors to obtain near real time insights in the form of multiple dashboards.

· Deployed a supporting **data platform eco-system composed of a delta lake on ADLS Gen 2** (capable of storing TB of data in multiple cleaning stages), **data pipelines using Databrick** (capable of processing and calculating value for our customers) and a orchestration layer.

· Established **engineering practices**/protocols to ensure quick and efficient development. This included **Agile and CI/CD** on all of our repositories as well as code standards, checklists and SQA Autmatic Testing. This also include **Infrastructure as Code** to maximize speed of delivery for new features.

· Managed **application/team cost** working with other executives, **built KPI and Executive Dashboards** to track efforts across the teams.

· Worked directly with customers, consulting companies and 3rd party application platforms to **increase CX.i relationship** and **achieve our business goals**.

2015-01 - 2021-07

Director of Data Engineering

Company: *Catalina Marketing*   ***Region:*** *Tampa, FL*

Progression: *Lead-Manager-Director*

· Lead **Data Engineering teams (50+)** from multiple disciplines (Architecture/ETL/DBA/Data/Quality/Devops). The teams included **multiple world wide offices and stakeholders**.

· **Built/Managed over (25+) data solutions** for different worldwide stakeholders. These solutions were used by multiple CPG/Retailers and agencies.

· Responsible for **Data Platform dealing with over 300 TB, millions of transactions per day** and spanning different **Legacy and Cloud technology**.

· Executed company **Legacy to Cloud migration** strategy, achieving success in executing our existing suite of tools successfully.

· Custodian of the technology budget allocated for data management. This included **multi-million dollar contracts around technology** licensing, resource management and support infrastructure.

Social Impact

NGT 360: High School Tech Mentoring Program.

Tech Mentoring: Instructor in multiple training programs.

Softtek Solidaria: Was the president of the community outreach program.

2011-06 - 2014-12

ETL Informatica Consultant

Company: Sofftek PR   *Region:* Guaynabo, PR

· Responsible for maintenance and support of the **Datawarehouse for one of the largest Health Care Company** in Puerto Rico.

· Designed and **developed an orchestration application** that was adopted **company wide** and used in all our customers projects. The application used linux-scripts, XML based contracts, RDBM's system to store audit information and Informatica for execution.

· **Lead multiple projects** for different customers as either a Solutions Architect or in charge of training junior personal.

· Worked directly with multiple customers in the **Telecomunication/Banking and Health industry**. Gathered requirements, analyzed business needs and came up with data solutions that fit their challenges.

· Analyze business needs to generate data solutions that fit those specific challenges. Solutions were built with Informatica and multiple RDBMs.

2010-05 - 2010-09

Software Engineer

Company: Hamilton Sundstrand   *Region:* Hartford, CT

Progression: Intern (Summer 2008 and 2009) – Software Engineer

· Built features for **ORION GUI**

· Tested fault-detection classes using emulators

· Worked with Data Structure/Classes to provide more info on testing

Education

Master of Science: IT Management & Security Assurance

Polytechnic University - Guaynabo, PR

Bachelor of Science: Computer Science

University of Puerto Rico - Bayamon - Bayamon, PR