

# Luis Velez

CTO/Engineer

## Contact

**Address:** Tampa, FL, 34695

**Github:** [github.com/luis-israel-velez](https://github.com/luis-israel-velez)

**E-mail:** [luis.israel.velez@gmail.com](mailto:luis.israel.velez@gmail.com)

## 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, Docker.

## 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 - Chief Technology Officer

Current

**Company:** Customer X.i

**Region:** Dallas, TX

- Hired & trained **technology team (25+)** from multiple disciplines (**Architecture/Software/Devops/Quality/Data & UI/UX**) both on-shore and off-shore. Worked with multiple companies to achieve best price and talent.
- 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 our repositories as well as code standards, checklists and SQA Automatic Testing. This also include **Infrastructure as Code** to maximize speed of delivery for new features.
- Managed **application/cloud & teams 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 - Director of Data Engineering

2021-07

**Company:** Catalina Marketing

**Region:** Tampa, FL

**Progression:** Lead-Manager-Director

- Led **Data Engineering teams (50+)** from multiple disciplines (Architecture/ETL/DBA/Data/Quality/Devops). The teams included **multiple worldwide 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,

## Social Impact

**NGT 360:** High School Tech Mentoring Program.

**Tech Mentoring:** Instructor in multiple training programs.

**Sofftek Solidaria:** Was the president of the community outreach program.

resource management and support infrastructure.

### 2011-06 - **ETL Informatica Consultant**

2014-12 **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.
- **Led multiple projects** for different customers as either a Solutions Architect or in charge of training junior personal.
- Worked directly with multiple customers in the **Telecommunication/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 - **Software Engineer**

2010-09 **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*