

Javier Zurita

TECH LEAD | DATA ENGINEER & CLOUD ARCHITECT

CONTACT

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LANGUAGES

English: Full professional proficiency. Used daily in technical meetings, design reviews and architecture discussions with distributed international teams (US & Europe). Spanish: Native.

SKILLS

Python, SQL, Javascript (Node), PySpark, Airflow, GCP (BigQuery, Dataplex, Dataflow, Dataproc, Pub/Sub, Composer, Cloud Run, Cloud Build, Artifact Registry, Compute), Azure (Cosmos DB, Azure SQL, Blob Storage, Data Factory, Synapse Analytics), AWS (S3, EMR, Lambda, Glue, Athena, Redshift, Route 53, CloudFront), Postgres, MySQL, MSSQL, MongoDB, Kafka.

Data Governance & Architecture: Dataplex (data catalog, policy tags, data lineage) · Data quality & security · Conceptual, logical and physical data modeling · Data Lake & Lakehouse design (batch and near real-time) · Architecture documentation with the C4 Model (HLD) in Confluence.

BRIEF OVERVIEW

Data Engineer with 7+ years of experience building large-scale data pipelines for leading companies like Walmart, Falabella and Grubhub across GCP, Azure and AWS. Proven success designing Data Lake and Lakehouse platforms (batch and near real-time), leading data teams, and delivering governed, secure data products in close partnership with Data Governance teams. Databricks Associate Data Engineer, Certified Google Professional Data Engineer, Cloud Architect, ML Engineer, Azure Data Engineer, Airflow Developer.

PROFESSIONAL EXPERIENCE

Senior Data Engineer (Contractor) | Jan. 2026 – Jul. 2026
Coherent Solutions — assigned to Grubhub (California, US) · Remote

- Led the end-to-end design, development, and delivery of scalable data pipelines processing millions of records per execution, collaborating with stakeholders to define requirements, present solutions, and recommend the optimal technical approach.
- Worked in an English-only, distributed team across the US and Europe: took part in daily technical meetings and presented and defended architecture decisions in English.
- Ensured production system stability by monitoring applications and resolving issues within agreed SLA timelines during scheduled on-call shifts.
- Mentored engineers in solution design, providing technical guidance, architectural reviews, and best practices to improve solution quality and scalability.
- Applied AI-assisted development practices to automate code analysis, implementation, testing, debugging, and documentation, improving delivery efficiency while maintaining high standards for code quality, security, and maintainability.
- Technologies:** Python, PySpark, SQL, AWS EMR, Amazon S3.

Lead Data Engineer | Sept. 2023 – Oct. 2025

Falabella (Chile)

- Transitioned from Senior Data Engineer to lead warehouse data solutions and steer architecture for high-impact analytics projects.
- Managed and mentored a team of 3 Data Engineers, delivering scalable data pipelines and models that drive logistics and warehouse process improvements.
- Designed a Lakehouse feeding multiple analytical products: production applications and operational reporting in near real-time, and batch reporting for senior management.
- Owned the conceptual, logical and physical data models for all of my team's data products.
- Implemented Dataplex for the data catalog, policy tags to control access to sensitive columns, and end-to-end data lineage tracking.
- Worked closely with the Data Governance team: every deliverable passed their review, requiring clear justification of data quality, security and governance decisions.
- Documented solution architecture with the C4 Model (context, containers, components and code) in Confluence, as required by company standards.
- Key contributor to the Data Architecture Team, building a critical data ingestion microservice from scratch (Python, containerized, Clean Architecture) for company-wide use, deployed on Cloud Run and designed for high throughput and auto-scaling.
- Optimized Dataproc Spark resources, resolving frequent out-of-memory errors and stabilizing production workloads to achieve hundreds of successful jobs per hour.

Senior Data Engineer | Nov. 2021 – Sep. 2023

Walmart (Chile)

- Led data engineering efforts for Walmart Mexico's search recommendation system, building ETL/ELT pipelines to prepare data for machine learning and data science teams.
- Developed large-scale batch processing solutions using PySpark on Dataproc and streaming pipelines with Apache Beam on Dataflow.
- Designed and maintained daily workflows processing millions of records from user search histories to support model retraining and continuous recommendation improvement.

Data Engineer | Feb. 2020 – Oct. 2021

Falabella (Chile)

- Helped build and then managed the company's Data Lake on GCP, ensuring data integrity and availability across the organization. Designed and implemented new batch and streaming ingestion processes to optimize data collection and storage.
- Created transformed tables and accessible views from raw Data Lake data, enabling internal stakeholders to perform analysis and make data-driven decisions efficiently.
- Built and automated pipelines to integrate and operationalize Machine Learning prediction models developed by the Data Science team, supporting the end-to-end ML project lifecycle.

Data Engineer | Sep. 2019 – Jan. 2020

Option SpA (Chile)

- Developed data pipelines on Google Cloud Platform to deliver clean and transformed datasets tailored to the needs of the Data Science team, successfully transitioning from a web development background to a data engineering role.

Web Developer / Data Integration | Mar. 2018 – Aug. 2019

Mentalidad Web SpA (Chile)

- Developed web applications using PHP and JavaScript, integrated with REST and SOAP APIs to ensure efficient system communications. Additionally, designed and implemented ETL processes to load and transform data into BigQuery, enabling streamlined cloud data management and analysis.

Systems Analyst I | Mar. 2017 – Feb. 2018

FUNINDES USB (Venezuela)

- Responsible for maintaining and monitoring production, development, and quality environments to ensure optimal performance and availability. Administered and managed the internal network and inter-office VPN connections, ensuring security and efficient communication. Performed regular software maintenance and updates to enhance performance and adapt to business needs.

IT Specialist Consultant | Oct. 2010 – Feb. 2017

Freelance (Venezuela)

- Provided freelance services in key technology areas, including web consulting, hosting and domain management advisory. Developed custom web applications and websites, along with tailored web design solutions. Additionally, implemented social media marketing strategies to enhance clients' digital presence.

IT Specialist | Jan. 2008 – Oct. 2010

DBAccess (Venezuela)

- Provided freelance services in key technology areas, including web consulting, hosting and domain management advisory. Developed custom web applications and websites, along with tailored web design solutions. Additionally, implemented social media marketing strategies to enhance clients' digital presence.

Technical Support Specialist | Feb. 2007 – Dec. 2007

Scape C.A. (Venezuela)

- Provided technical support to various clients across networks and systems. Assisted with installation and configuration of Windows and Office software. Offered basic support for printers and other peripheral devices to ensure smooth operation.

EDUCATION**Big Data and Machine Learning Diploma**

Postgrados Universidad Autónoma (Chile)

June 2025

Higher Education Degree in Computer Science

IUNP (Venezuela)

Feb. 2005 – Dec. 2009

CERTIFICATES**GCP**

- Professional Data Engineer
- Professional Cloud Architect
- Professional ML Engineer
- Associate Cloud Engineer

Databricks

- Associate Data Engineer

Azure

- Data Engineer Associate
- Azure Fundamentals

Astronomer

- DAG Authoring for Apache Airflow
- Apache Airflow Fundamentals