

William Gómez Ortega

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Data Engineer Lead with over 9 years of experience designing and leading cloud-native data platforms on GCP. Skilled in BigQuery, dbt, Airflow, Python, and CI/CD to transform raw data into reliable insights. Hands-on leader driving data strategy, scalable architecture, and AI-powered solutions with OpenAI LLMs. Passionate about mentoring teams and enabling data-driven business decisions.

EXPERIENCE

Kinesso

Data Engineer Lead

Remote, Colombia

Jul 2024 - Feb 2026

- Lead a distributed data engineering team delivering scalable pipelines and models on GCP.
- Architected BigQuery and dbt transformations for unified, analytics-ready datasets.
- Automated ingestion via Airbyte and orchestration through Airflow.
- Enhanced CI/CD pipelines for data validation and deployment speed.
- Integrated OpenAI LLMs to enrich data quality and automate insights.

HUGE

Data Engineering Lead / Senior Data Engineer / Tech Lead

Remote, Colombia

Feb 2022 - Jul 2024

- Directed modernization of company-wide data infrastructure on GCP and BigQuery.
- Implemented Airflow DAGs, dbt models, and automated ETL frameworks.
- Built internal data products supporting analytics and reporting.
- Defined architecture standards and mentored engineers on cloud, CI/CD, and testing.
- Partnered with product teams to ensure high-quality, governed data delivery.
- Migrated legacy monoliths to Dockerized microservices on GCP, improving reliability.

Hourly

Senior Web Developer / Part-time Lead Engineer

Remote, Colombia

May 2021 - Feb 2022

- Collaborated with senior engineers to evolve product architecture using React.
- Supported data integration processes for product analytics.
- Conducted product demos, improving communication and delivery cycles.
- Partnered closely with cross-functional teams to optimize performance and maintain code quality.

Ayenda

Senior Web Developer / Part-time Lead Engineer

Remote, Colombia

Nov 2019 - Apr 2021

- Led early development of **ayenda.com** using **Next.js** and **GraphQL**.
- Improved site performance 25% and automated deployment pipelines.
- Managed backend, VPN, and CI/CD infrastructure for secure, reliable scaling.

Coderhouse

Instructor (JavaScript & Web Development)

Remote, Colombia

Dec 2021 - Mar 2022

- Delivered applied JavaScript courses and mentored students on real-world development practices.

FREELANCER / SIDE PROJECTS

- Built custom full-stack and data-driven projects with Python, React, and Node.js.
- Co-founded Baaiko, an online dance-lesson platform (architecture & backend lead).
- Deployed containerized solutions using Docker Compose and CI/CD.

Nov 2017 - Dec 2020

TECHNICAL SKILLS

- **Data Engineering:** BigQuery, dbt, Airflow, SQL, Data Modeling, ETL/ELT Pipelines
- **Cloud & Infrastructure:** GCP (Pub/Sub, Cloud Functions, Cloud Storage), AWS, Docker, Kubernetes, Terraform, CI/CD
- **Supporting Tools:** Git, GitHub Actions, CircleCI, DataDog, Jira

CERTIFICATIONS

- Google Cloud Professional Data Engineer (2019)

TALKS & RESEARCH

- Speaker, PyCon Colombia 2019 - Automatic Recognition of Animal Sounds
- Paper, 10th Int'l Conf. on Ecological Informatics 2018 - AUREAS: Tool for Recognition of Anuran Vocalizations
- Co-organizer and frequent speaker at Python Medellín Meetups
- Community collaborator at Django Girls Medellín

EDUCATION

Universidad de Antioquia

B.Sc. Electronic Engineering

Honores: Best Advanced Student 2015

Colombia, Medellín

2011 - 2016