

Jaime Herrera

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Quito, Ecuador

PROFESSIONAL SUMMARY

Systems engineer focused on full-stack and mobile software development. Three years building **React Native** apps (Play Store published) alongside strong backend work in **Python** and **Node.js** and web front-end in **React**. Delivered end-to-end systems across mobile, web, and cloud - from geolocation-based real-time marketplaces to government microservices on Kubernetes. Comfortable with **CI/CD**, TDD, code review, and production deployment on AWS and GCP.

WORK EXPERIENCE

DatosCout

Jul 2022 - Present

Tech Lead & Python Engineer · Orleans, France (remote)

- Design and maintenance of scalable software for integrating large data volumes using **Python**, **pandas**, and **PySpark**.
- **CI/CD** with **GitHub Actions**; **ETL** with **Airflow** to integrate and transform data from REST APIs.
- Built web applications from scratch with **Django** and **JavaScript**; **TDD** and automated QA with **Selenium** and **Pytest**.
- **AWS** deployment and operations with security and scalability practices.

Python · Django · AWS · Terraform · Docker · GitHub Actions · Selenium · Pytest · PySpark · Airflow

Municipio de Quito

Dec 2022 - Nov 2023

Software & Platform Engineer · Quito, Ecuador (hybrid)

- Microservices for a nationwide vehicle registration system used by thousands of citizens.
- **Docker**-containerized services deployed on **Kubernetes**; **CI/CD** and **Grafana** dashboards for reliability and monitoring.

Node.js · Angular · Docker · Kubernetes · DB2 · Grafana · Jira

EfikaBC

Jan 2023 - Jul 2023

Platform & RPA Engineer · Quito, Ecuador (remote)

- Automation for data entry, invoicing, and customer onboarding (**80%+** time savings).
- Financial automations that reduced operating costs; RPA integrated into broader **DevOps** workflows.

Agility · VBA · scripting

PROJECTS

TecniGo

Play Store · ~3 years

Real-time home services marketplace (plumbers, electricians, and other professionals) published on Google Play Store. Geolocation engine surfaces nearby available professionals to clients in real time. In-app negotiation flow: client and professional agree on scope and price before committing to the job. Full mobile stack: React Native, TypeScript, state management (Redux / Context API), React Navigation, and native device integrations.

React Native · TypeScript · React Navigation · Redux · Context API · GCP · Node.js

Ecuador Formalities App

React Native · In progress

Mobile application for official government formalities in Ecuador. First module: electronic invoicing. Backend on Google Cloud Platform with a Node.js REST API layer.

React Native · TypeScript · Node.js · GCP

EDUCATION

B.S., Information Systems Engineering · Pontifical Catholic University of Ecuador

2018 - 2022

CERTIFICATIONS

AWS Cloud Technical Essentials · [Amazon Web Services](#)

Google Project Management Foundations · [Google](#)

AWS Certified AI Practitioner (AIF-C01) · [Udemy](#) (*in progress*)

SKILLS

Mobile: React Native · React Navigation · Redux · Context API · Zustand · Styled Components

Frontend: React · Angular · TypeScript · JavaScript ES6+ · Next.js **Backend:** Python · Node.js · Django · REST APIs

Cloud: AWS (EC2, Lambda, S3, VPC) · GCP **DevOps:** Docker · Kubernetes · Terraform · GitHub Actions · Jenkins

Data: PySpark · Airflow · pandas · PostgreSQL · MySQL · DB2 · NoSQL **Practices:** TDD · CI/CD · Agile · DevOps · GitOps · Code Review

Languages: Spanish (native) · English C1 · German B1