

Jaime Herrera

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WORK EXPERIENCE

Quito Municipality

Front End / Angular Developer

Quito - EC (Hybrid)

December 2022 - Present

- Front-end and backend development under a microservices architecture using Node and Angular.
- I built APIs from scratch using Node within a Linux server for consumption within the frontend part in Angular, bringing information about users, vehicles, districts, centers, events, etc.
- Worked on a system from scratch for vehicle registration nationwide, allowing thousands of users to access the information electronically from anywhere.
- QA methods Implemented to maintain an efficient, scalable and clean product, in addition to the use of TDD.

Techstack: JavaScript, Node, Angular, Servers, DB2, Jira.

DatosCout

Software Developer

France (Remote)

July 2022 – December 2022

- Test Driven Development, where a required functionality is implemented for the website where it then goes through a testing phase before going into production.
- Conducted successful QA Automation Testing before each deployment on Amazon Web Services, using tools such as Selenium, Unittest, Pytest and GitHub Actions.
- Web pages were developed from scratch using Python and Django to control structures such as buildings, shopping centers, houses, thus achieving a record of status and maintenance, security, energy efficiency, etc.

Techstack: Python, Django, Html, JavaScript, Selenium.

SERCOP

Software Developer

Ecuador (On-site)

January 2022 – June 2022

- A website was developed from scratch to carry out public procurement processes.
- A service connection solution was created for the extraction of data from the European Union and our platform, using technologies such as Python, MongoDB and Flask. This implementation made it possible to recover data and facilitate procedures efficiently and accurately.
- The solution developed became an invaluable tool for SERCOP staff, eliminating the need to carry out hiring processes manually. This resulted in a 40% reduction in time spent on these tasks, increasing productivity, and reducing potential human error.

Techstack: Python, Flask, MongoDB

Department of Agriculture

Software developer

Ecuador (On-site)

August 2021 – December 2021

- A web application specifically designed for the agricultural sector was developed, using Angular and following the Scrum Master methodology for effective project management.
- The application included a series of key features, such as the integration of external APIs, the implementation of geolocation through Google Maps and the use of Web Services, providing a complete and enriching experience for users.
- The implementation of this application had a significant impact on the agricultural sector, allowing professionals in this field to carry out procedures and tasks more efficiently. As a result, thousands of people no longer had to go to several places to complete their procedures but could do everything in the same place.

Tecnologías y herramientas: Angular, TypeScript, Google Maps, Scrum

Doms

FullStack Developer

Quito

June 2021 – Now

- Personal project developed by a team of 4 people.
- Development and implementation of a website from scratch to hire professional services such as plumbers, electricians and mechanics in an area of 10 kilometers around using Python, Flask and MySQL as main tools.
- The implementation allows people to hire professionals without leaving where they are.

Techstack: Python, Flask, MySQL, Google Cloud Platform, Ubuntu, Nginx, DNS, Locad Balancer, SSL

STACK & SKILLS

Development: Python, Node, React Native, Angular, Django, Flask

Databases: MySQL, DB2, SQL Server

Clouds: Google Cloud Platform, Amazon Web Services

Operative Systems: Linux (Ubuntu, Centos)

CI/CD: GitHub Actions

Methodologies: Scrum

EDUCATION

Pontifical Catholic University of Ecuador

Information Systems Engineer

(Sep 2018 - Nov 2022)

IDIOMAS

Inglés: B2 Upper Intermediate

Español: Nativo

Alemán: B1 Intermedium