ANGEL HURTADO
SOFTWARE DEVELOPER

+57 310 864 59 07

Santander, Colombia

angeldavidhf@gmail.com

www.angeldavid.co

SUMMARY

Backend developer with more than 5 years of experience in the design, development and optimization of systems with technologies such as Python, Node.js (TypeScript/JavaScript), GraphQL and Java, as well as in the management of relational and non-relational databases (MySQL, PostgreSQL, MongoDB, among others). Passionate about software development and technological innovation, I consider each project as an opportunity to create unique and quality solutions. I seek to specialize in artificial intelligence and machine learning, with the goal of teaching and contributing to the development of the next generation of programmers.

SKILLS

- Python
- NodeJS
- GraphQL
- TypeScript
- ReactJS
- Java
- SQL / NoSQL
- CI/CD
- Docker
- Git
- SCRUM

WORK EXPERIENCE

Globant
Python Developer SSR, November 2023 - Present

- *Re-engineering of tables and stored procedures, migrating from SQL Server to DynamoDB (PostgreSQL), and definition of endpoints and architecture for REST APIs.*
- *Implementation of solutions for vector search and storage using Llama Index, as well as interpretation and adaptation of Jupyter notebooks and algorithms developed by the data science team.*

Mercado Libre
Software Engineer, June 2022 - June 2023

- *Use of tools such as GitHub Actions, Jenkins and Docker to implement efficient pipelines.*
- *Gitflow workflow and use of Fury to manage deployments, ensuring version control and quality in deployments.*
- *Guards, metrics and continuous monitoring using Datadog, Kibana and New Relic to ensure performance and availability of applications in production.*
- *Python implementation under hexagonal architecture and performance optimization through caching.*

DARS Developers
Software Engineer, January 2020 - November 2022

- *Bug fixing and development of new features, including endpoint creation and architecture optimization using Node.js and GraphQL.*
- *Planning and design of project architectures, design patterns and SOLID principles.*
- *Design and administration of SQL and NoSQL database schemas, such as PostgreSQL and MongoDB, to ensure application performance and scalability.*
- *Implementation and configuration of integrated development environments, using AWS services and creation of Docker images for efficient deployments.*

Conectera CO
Software Engineer, December 2020 - June 2022

- *Responsible for the development of a mobile finance app using React Native, TypeScript, FastAPI and MySQL, ensuring timely and high quality delivery.*
- *Participation in client meetings to define user stories, gather requirements and collaborate on the design of mockups together with the UX/UI team.*
- *Database design and analysis, creation of UML diagrams, definition of backend and frontend architecture, and implementation of effective design patterns.*
- *Bug resolution in the company's platforms and development of new functionalities aligned with customer and Product Owner's needs.*

ESinergia
Software Engineer, February 2020 - July 2020

- *Development of components and functionalities for El Espectador using React, as part of an outsourcing contract.*
- *Participation in technical meetings with technology providers of the Washington Post.*

Systemico Software
Junior Developer, August 2019 - January 2020

- *Proposal to the development leader for the restructuring of Python-based projects, guiding the transition to new initiatives using FastAPI.*
- *Coordination in meetings with customers and partner engineers to implement adjustments, develop new features and resolve bugs.*
- *Collaboration with database engineers to interpret and manage Oracle queries, ensuring efficient integration with the backend.*
- *Leading the first mobile product based on React Native, Expo, FastAPI and MySQL, pioneering its implementation and overseeing the entire development.*

Conectera CO
Junior Developer, July 2018 - July 2019

- *Development of an inventory and personnel management application for a company with more than 5000 employees, using Python, FastAPI, SQLAlchemy and Docker to ensure scalability and efficiency.*
- *Creation of landing pages using React, TypeScript and SCSS, following mockups provided by the UX/UI design team to ensure a consistent and engaging user experience.*

Mayasoft LTDA
Junior Developer, March 2017 - October 2017

- *Participation in the entire software lifecycle, including the execution of unit, black, white and gray box tests, as well as functional and non-functional tests, using BugGenie for the execution of unique queries in testing.*
- *Bug resolution and platform tuning using PrimeFaces and Java, as well as database migration from SQL Server to Oracle to improve performance and scalability.*
- *Dynamic application development using Angular 2, Java JVM, Spring Boot and Hibernate, ensuring a robust architecture and optimized performance.*

EDUCATION

Technologist in Information Systems Analysis and Development
Servicio nacional de Aprendizaje, 2014 – 2017

Systems Engineer
Universidad de Investigación y Desarrollo, 2019 – Paused

PERSONAL REFERENCES

Ruben Dario Sotelo
Bavaria, Senior Machine Learning Engineer
+57 318 798 56 71

Cristian Rojas
Komet Sales, Java developer
+57 318 863 28 16