Juan Sebastián Puerta Ordóñez
Colombia | +57 314 608 6847
Email | LinkedIn | Github

PROFESSIONAL PROFILE

I am a computer scientist with more than two years of experience in frontend and backend web development. I have worked with languages like Python, JavaScript and C, and I have solid knowledge in modern frameworks like Svelte and React for creating dynamic and efficient interfaces. On the backend, I have experience integrating services and handling relational and non-relational databases such as MySQL and MongoDB respectively. I am fluent in GNU/Linux operating systems, which allows me to easily work in development and production environments.

I consider myself a collaborative, friendly and team-oriented person. I enjoy participating in projects where I can contribute ideas, learn from others and create solutions that generate impact.

PROFESSIONAL EXPERIENCE

Backend Developer Engineer | VitralAI | Manizales, Colombia | 2024 - Currently
- ❖ **Description:**
  Maintain and implement new functionalities in a microservices-based backend, prioritizing scalability and good development practices. scalability and good development practices. In addition to assisting in the development and maintenance of the frontend
- ❖ **Tecnologies:**
  Python, JavaScript, Svelte, Redis, MongoDB, AWS (Lightsail, Bedrock), Google Cloud (Kubernetes, GCS), FastAPI, gRPC, GNU/Linux, Git y Github
- ❖ **Achievements:**
  - ➢ Developed and integrated new functionalities in a microservices-based system, improving backend efficiency and ensuring scalability through FastAPI and gRPC
  - ➢ Actively participated in the development and maintenance of the frontend with Svelte, ensuring a smooth integration with the backend and improving the end user experience
  - ➢ I contributed to the optimization of the system using Redis for efficient caching and managing services in Google Cloud with Kubernetes, improving the response time of the system in production

Software System Engineer | Salto del Mortiño | Popayán, Colombia | 2023 - 2024
- ❖ **Description:**
  Develop an automated messaging system for clients, as well as maintain updated information in relational databases. In addition, manage and follow up financial and administrative staff accounts
- ❖ **Tecnologies:**
  Python, MySQL y Excel
- ❖ **Achievements:**
  - ➢ Designed an automated messaging system that improved efficiency in communication with customers, reducing manual work and increasing response rates
  - ➢ Optimized the internal database, ensuring the integrity of financial and personnel information, which facilitated decision making and reduced operational errors
  - ➢ Developed tools and processes to manage financial and administrative accounts, improving internal control and streamlining the reporting of monthly results

Software Developer (Internship) | ISA Intercolombia | Medellín, Colombia | 2022 - 2023

- ❖ **Description:**
  Develop a system to automatically prioritize the maintenance review of power towers, using customized algorithms and cloud-based tools to optimize technical monitoring processes
- ❖ **Tecnologies:**
  Python, Git y Azure (Azure DevOps, Azure Storage Queues, Azure Functions)
- ❖ **Achievements:**
  - ➢ I automated a previously manual power tower maintenance prioritization process, significantly reducing analysis time and increasing the operational efficiency of the technical team
  - ➢ Implemented an intelligent system in the cloud that manages large volumes of data and automates decision making, improving responsiveness to potential infrastructure failures

EDUCATION

Software Systems Engineer | ICESI University | Cali, Colombia | 2017 - 2022

Knowledge:
- ❖ **Advanced knowledge:** Python, JavaScript, Git
- ❖ I**ntermediate knowledge:** C, HTML, CSS, React, Svelte, GNU/Linux, MongoDB, MySQL
- ❖ **Basic knowledge:** Google Cloud, Azure, AWS

Languages:
- ❖ **Spanish:** Native
- ❖ **English:** B1 - ICESI University