Juan Pablo Sánchez Villegas

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https://github.com/juanpabl0svn

*Software Developer with over 2 years of experience in IT, specializing in agile team environments to ensure continuous, **efficient**, and high-quality deliverables. I possess strong **communication and collaboration** skills, allowing me to adapt and thrive quickly in **productive** settings, both with team members and supervisors. **Learn more about me on my website:** https://juanpablosanchez.vercel.app.*

PROFESSIONAL EXPERIENCE

Spider Security S.A.S   **Medellín, Colombia**
Software Developer   *June 2024 – Actual*

- **Developed** and optimized key modules for the company's main service, "Terque," enhancing platform efficiency and **scalability** through CodeIgniter4 and PHP 8.3.2 technology.
- Maintained and **updated** legacy code, enhancing outdated or unsupported modules to ensure **stability and compatibility** of the company's applications, **migrating** some microservices to NESTJS and Spring Boot with Gradle.
- Implemented **architectural** improvements in database systems and **microservices** structure, **optimizing performance** and integrity of the service ecosystem through Azure DevOps and its pipelines.
- Provided specialized **technical support** to users, resolving inquiries and facilitating their **interaction** with the applications.

Universidad de Medellín   **Medellín, Colombia**
Academic Monitor   *January 2024 – May 2024*

- **Supported** faculty by conducting workshops, lectures, and detailed explanations of rubrics and class topics, ensuring clarity in evaluation criteria and content. My focus was on requirements engineering, promoting the learning of agile **methodologies** and management tools such as Jira and Trello.
- Facilitated student **learning** and comprehension throughout the academic semester, fostering an accessible and enriching **educational** environment.
- Organized **mentoring** sessions to provide personalized support to students, addressing questions and offering additional **guidance** on course topics.

DNA Universe   **Medellín, Colombia**
Software Developer Junior   *October 2023 – June 2024*

- Developed an integrated club platform for the clients of the main service, "Sefty," fostering customer loyalty and enhancing the **user experience**.
- Incorporated cutting-edge technologies to implement **Web 3.0** solutions, integrating cryptocurrencies, NFTs, and **artificial intelligence** features using Python and SciPy tools, expanding the platform's reach and capabilities.
- **Automated deployment** using GitHub Actions, with NGINX as a reverse proxy and load balancer.
- **Migrated** technologies and optimized code to improve **performance**, transitioning from NEXT 12 to NEXT 14, and largely migrating the backend to NESTJS, with some **microservices** in Spring Boot using Gradle.
- **Designed views** and visual components that align the user experience with the brand identity, creating attractive and consistent **interfaces** with the "Sefty" aesthetic using TailwindCSS, CSS, styled-components, Figma, and more.

EDUCATION

UNIVERSIDAD DE MEDELLÍN   **Medellín, Colombia**
Systems Engineer   *July 2021 - Actual*
Undergraduate

CERTIPROF   **Medellín, Colombia**
SCRUM FOUNDATION   *July 2023*
Course

UNIVERSIDAD DE MEDELLÍN   **Medellín, Colombia**
Computer Tools in Business Productivity   *July 2022 – December 2023*
Disploma

AWS EMERGING TALENT COMMUNITY   **Medellín, Colombia**
AWS Educate Introduction to Cloud 101   *December 2021*
Course

COURSERA   **Medellín, Colombia**
Design Thinking for Innovation   *November 2021*
Course

ADITIONAL SKILLS

- Front-end developer with tools like: **React, Angular, Next, Vue, JQuery, PHP, HTML, CSS, TailwindCSS ,JavaScript, Tailwind, CMS (WordPress).**
- Back-end developer with tools like: **Express, Nest, Spring framework, Flask, Django, FastAPI, Laravel, CodeIgniter4.**
- DevOps with tools like: **AWS, Azure, Google Cloud, Jenkins, Git, Github, Github Actions, Terraform, Docker, Kubernetes, NGINX.**
- QA and testing with tools like: **Jest, Karma, Jasmine, Junit, Mockito, Cypress, Selenium, Sonarqube.**
- Native spanish.
- Fluent english **(B2)**.

JOB REFERENCES

Juan Pablo Aguirre Osorio
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Software Developer

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Technical leader

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Software Developer