Jhoan Andres Diaz Castaño

Systems Engineer

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Tuluá, Colombia

I am a systems engineer passionate about backend development and video game creation. I have experience in designing and optimizing REST APIs with Laravel and Spring, as well as developing interactive experiences in Unity, strengthening my skills in C#, PHP, and Java. I stand out for my attention to detail, structured thinking, and problem-solving ability, qualities that I apply both in systems optimization and game design. Additionally, I have a continuous learning mindset and effective communication skills, which facilitate team collaboration. I seek to continue growing professionally while providing innovative and efficient solutions in software development.

Education

Generation Colombia   Jan/2025 - Present
Junior Unity Developer

Alura Latam, ONE   Jun/2024 - Dec/2024
Backend Specialization in Java Spring Boot

Universidad del Valle, Colombia   May/2019 - Jun/2024
Systems Engineer

Experience

Mr.DogKat Web Catalog   Oct/2024 - Dec/2024
Freelance - Full Stack Developer

- Implemented a modern platform with React and SASS, ensuring responsive design.

- Developed an intuitive filtering system to improve product navigation.

- Increased user retention by **40%** by improving site accessibility and usability.

Skills

PHP, Java, C#, JavaScript, Laravel, Spring Boot, .NET Core, Unity, MySQL, MongoDB, Figma, Postman, Insomnia.

Projects

Tiempos Pasados   Game Jam (1 day)
Game Developer

- Implemented game mechanics and player interactions with the environment.

- Configured UI screens to ensure functionality.

- Defined victory and defeat conditions.

Parasyte Attack   Game Jam (2 days)
Game Developer

- Programmed game mechanics and player interactions with NPCs.

- Fixed bugs to improve game stability.

ADOGCION   Aug/2023 - Jul/2024
Full Stack Developer

- Developed a comprehensive platform for pet adoption, implementing both frontend and backend.

- Created a robust RESTful API using Python and JavaScript, with MySQL for transactional data management.

- Implemented features that allow users to search for pets, manage adoption requests, and administer pet profiles.

- Applied the Scrumban methodology for an agile and adaptable project development process.

Languages

- Spanish (Native).
- English (B2).