Andres David Caicedo Marquez

Canada, Montreal· linkedin.com/in/andres-marquez-3a9037268 +5146887572· andresmr955@gmail.com

*With over 2 years of experience as a software architecture engineer, I have led multiple projects using **Django (backend)** and **Angular (frontend)**. I improved overall application performance by **40%** through architectural decisions and code optimization. On the frontend, I enhanced component structure and state management, reducing load times by **35%**. On the backend, I refactored views and optimized SQL queries, achieving **50% faster response times**. I also implemented industry best practices such as **automated testing** and **CI/CD pipelines**, boosting team efficiency by **30%**.*

EXPERIENCIA PROFESIONAL

Freelance Software Architecture Engineer   **Montreal, Canada**
January 2025– Present

- Designed and implemented a scalable architecture using Django (backend) and Angular (frontend) to unify development across multiple products, improving maintainability and delivery speed.

- Introduced and maintained robust CI/CD pipelines and automated testing, reducing deployment times by over 80% and minimizing production errors.

- Led performance optimization efforts, improving frontend load times by 35% and backend response times by 50% through view refactoring, SQL tuning, and efficient state management.

- On clean code practices, testing strategies, and Git workflows, increasing overall team productivity by 30%.

- Contributed technical innovations such as task parallelization in CI, performance dashboards (e.g., DataDog), and exploration of AWS services for scalability improvements.

- Built and deployed a centralized cookie consent management tool to ensure compliance across all products with privacy regulations.

- Promoted modern development workflows like Ship/Show/Ask in GitHub and explored emerging technologies (e.g., Rust for build speedup).

Junior Engineer   **Bogota, Colombia**
FullStack   *Dec 2019– Mar 2022*

- *Developed and implemented web solutions for local clients, applying clean architecture principles and best programming practices.*

- *Optimized key features in internal applications, reducing load times by up to **30%** through code refactoring and better frontend resource management (HTML, CSS, JavaScript).*

- *Integrated relational databases (MySQL and PostgreSQL) with backend applications using **Python** and **Django**, enabling efficient queries and clean data structures.*

- *Facilitated code maintenance through clear documentation, version control with **Git**, and organized weekly agile delivery cycles.*

- *Collaborated in designing and testing interactive forms and admin panels, improving user experience by **25%** based on direct feedback.*

- *Implemented small automations for repetitive tasks such as email sending and form validation, increasing workflow efficiency.*

- *Participated in self-learning projects, developing personal tools like a task manager and a basic REST API to understand the full development lifecycle.*

EDUCACIÓN

UNIVERSITARIA AGUSTINIANA   **Bogota, Colombia**
                                                                                     Dec 2022

Mechatronics Engineering

Honors: Honors in Programming and in the development of an embedded systems project
for mechatronics applications.

SKILLS ADDITIONAL

- Strong analytical and critical thinking skills.

- Effective communication and interpersonal skills.

- Time management and ability to work under pressure.

- Quick learner with a passion for continuous personal and professional development.

- Proactive attitude and self-motivated to take ownership of tasks.

- Team player with experience working in hybrid and remote environments.

- Ability to adapt to changing priorities and fast-paced work settings.

- Problem-solving mindset focused on delivering practical and scalable solutions.

- Fluent in English and Spanish, enabling effective cross-cultural collaboration.