

# SEBASTIAN GOMEZ

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## Skills

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- Python | Django | Java | Mysql | Bash | Ruby | Git | HTML | CSS | Heroku | React | OOP | Frontend | Backend | Full-Stack | Spanish, English

## Experience

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### Full Stack Developer

#### Trivia Quest

*Barranquilla, Colombia* **12/2023 - 04/2024**

- At Trivia Quest, I spearheaded an innovative project that seamlessly integrated intellectual challenges with captivating features, establishing a new standard in interactive entertainment. This initiative sparked a notable 20% surge in user participation, showcasing the power of innovation in driving meaningful results.
- Revolutionized user engagement at Trivia Quest by curating captivating trivia content and integrating advanced technologies like **Heroku, Python, Django, HTML, CSS, PostgreSQL, Git, and JavaScript**, enhancing user interaction and driving a 30% surge in daily active users.
- Directed a cross-functional team in integrating advanced digital tools with compelling storytelling techniques, leading to a 50% boost in user engagement and a 20% rise in conversion rates.

### Full Stack Developer

#### Moral Games

*Barranquilla, Colombia* **01/2023 - 12/2023**

- Orchestrated the evolution of the Moral Games platform by implementing cutting-edge functionalities such as purchase monitoring and seamless cart operations, resulting in a remarkable 15% upsurge in sales performance.
- Orchestrated the implementation of critical functionalities including purchase tracking, cart management, and a simulated payment gateway within Moral Games. These enhancements directly catalyzed a 15% upswing in sales, bolstering the platform's revenue streams. surge in sales.
- Produced rigorous testing protocols to ensure functionality and security; introduced user-friendly contact section, driving a 25% increase in user interaction; prioritized stringent security measures in authentication and data handling, backed by comprehensive documentation.
- Developed and generated Python-based automation scripts, reducing manual data entry tasks by 60% and saving 15 hours per week, resulting in a more efficient workflow.

## Education

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### Faculty of Engineering

#### Corporación Universitaria Latinoamericana

*Barranquilla, Colombia* **01/2023 - Present**

- Computer Systems Engineering

## Projects

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### Backend Developer

#### URL Shortener

- Engineered a high-performance URL shortening service with Django framework, generating concise URLs for enhanced user experience; decreased page load time by 40% and increased click-through rates by 25%
- Crafted Django actions to transform lengthy URLs into concise versions, ensuring validity and issuing error alerts for incorrect links; streamlined user experience and boosted click rates by 40%
- **Visit Logging:** Designed the system in Django to log visits each time a shortened URL was accessed, enabling effective traffic monitoring.
- **Handling of Invalid URLs:** In the Django implementation, the API responds with a customized 404 error message when attempting to access an invalid shortened URL.
- **Listing of URLs:** Implemented endpoints in Django displaying all short URLs alongside their corresponding original URLs and other relevant information, with pagination for user navigation.

### Backend Developer

#### YOUR MP3

- I developed YourMP3, a Django project hosted on Heroku, which allows users to download MP3 files from YouTube using URLs. The using URLs. The project seamlessly executes video-to-MP3 conversion within the codebase, providing users with a flawless.
- **MP3 Downloads from YouTube:** Created a Django-based platform enabling users to input YouTube URLs and download MP3 files directly.
- **In-Code Video to MP3 Conversion:** Defined a feature within the codebase to convert YouTube videos to MP3 format, ensuring a streamlined and user-friendly experience.
- **Heroku Hosting:** Deployed the project on Heroku, ensuring accessibility and scalability for users globally.