



## Luis Fernando Agamez Atehortua

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**Github:** <https://github.com/Darkblade1995>

**Portafolio:** <https://darkblade1995.github.io/mi-portafolio/>

**Youtube channel:** <https://youtube.com/@programandoconlucho?si=JgoG5k1doxvgkK02>

### Backend / Full-Stack Developer (Python & Web Systems)

Backend & AI Developer with experience building production-ready APIs, AI-powered systems, and data-driven applications using Python. Specialized in FastAPI, Streamlit, and applied AI (NLP & Computer Vision). Proven ability to design scalable systems, integrate external APIs, and deliver real-world solutions for international clients.

#### Education

##### Iberoamericana University

Bachelor's Degree in Software Engineering.

*Bogotá, Colombia*

##### Servicio Nacional de Aprendizaje (SENA)

Technologist in Software Analysis and Development

*Barranquilla, Colombia*

#### Relevant Coursework:

- Conceptualization of the C++ Programming Language
- Structure of the C++ Programming Language – Level I
- Storage, Structure, and OOP Modules Utilizing the C++ Programming Language – Level II
- Use of Classes, Objects, Methods, and Sequential Files in OOP with the C++ Programming Language – Level III
- Methodology of Informatics Systems Programming]

##### Gabriel García Márquez School

High School Diploma

Graduation Date: 2018

*Ayapel, Córdoba, Colombia*

#### Leadership & Activities

SENA Software Development Study Group

Barranquilla, Colombia

Active Member — Sep 2025 – Present

- Participated in collaborative coding sessions, problem-solving workshops, and peer-to-peer learning.

## Skills & Interests

### Backend & APIs

Python, FastAPI, REST, SQL

### AI & Data

NLP, Computer Vision, LLMs, LangChain, Integrations

### Web

HTML, CSS, React

### Databases

MySQL, SQLite, PostgreSQL

### Tools

Git, Docker, Linux

### Languages

Spanish (Native)

English (C1 – Professional Working Proficiency)

## Professional Experience

### Backend & AI Developer – Freelance

#### Remote | 2023 – Present

- Designed and built RESTful APIs using FastAPI and Python for real-world use cases.
- Developed AI-powered applications including text summarization systems and image classification tools.
- Built interactive data dashboards with Streamlit and MySQL for business analytics.
- Integrated external AI models (OpenAI, Groq, LLMs) into production systems.
- Delivered solutions for international clients in English and Spanish.

### Technical Projects & Content

#### AI & Backend Content Creator – YouTube (Personal Project)

Remote | 2026 – Present

- Created and published technical tutorials on building AI applications using Python, FastAPI, and LLMs.
- Developed a complete chatbot system with LLaMA 3, including prompt engineering and API integration.
- Designed educational content focused on backend development and artificial intelligence.
- Planning and producing future tutorials on system design, APIs, and AI automation, programming languages and more.

Link: <https://youtube.com/@programandoconlucho?si=JgoG5k1doxvgkK02>