

# ISAAC PIEDRAHITA

AI | Data Science

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## Summary

Last-year Data and AI Engineering student with hands-on experience in building and deploying AI solutions. Skilled in Python, SQL, Git, Docker, and Azure Cloud, with a strong foundation in machine learning and MLOps practices such as CI/CD, and scalable deployments.

## Education

### Universidad Autónoma de Occidente

Bachelor of Engineering - BE, Data and AI Engineering

07/2022 — 05/2026

## Skills

Python · SQL · Git · Docker · Linux · FastAPI · Microsoft Azure · CI/CD · PowerBI  
TensorFlow · PyTorch

## Experience

### Sky Aviation Club

Web development

Cali, Colombia  
2024 — Present

- Configured and maintained a **Moodle-based learning platform** on Linux servers for student training.
- Customized and maintained the club's **main website**, improving reliability and performance.

## Languages

Spanish Native

● ● ● ● ● English Advanced

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## Projects

### SaberPro AI Assistant

Cali, Colombia  
2025

- Built an **AI-powered educational assistant** using **FastAPI**, **WebSockets** and **ChromaDB** integrated with a local LLM.
- Deployed and orchestrated** the solution on **Microsoft Azure**, ensuring scalability and reliability.
- Designed and implemented a **RAG pipeline** to deliver accurate, personalized answers for Saber Pro exam preparation.
- Reduced administrative workload by automating student FAQs through a **customized chatbot**.