

Hildebrando Vargas Bedoya

Software Engineer

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EDUCATION

• Ingeniero de software (fullstack specialist)

2023

Universidad Politécnico Grancolombiano

• Lic Matemáticas y física

2009

Universidad de Antioquia

PERSONAL PROJECTS

• Inventory system with Flask

CRUD application using flask and mysql using SQLAlchemy.

- Facilitating users' logins to websites without having to remember their credentials
- Project inventory system.
- Technology Used: Python, Flask, Docker, Jinja2, mysql and SQLAlchemy.
- GitHub.com/gluoneros/HootsiTP

• Java users and task management

An application with Java for task management using Spring Boot

- A Spring Boot, Hibernate, Thymeleaf and Tailwind CSS application.
- Technology Used: Spring Boot, Hibernate, Thymeleaf, postgres and Tailwind CSS.,
- Github.com/gluoneros/AriaFina

• GreenPredEnergy

ML project using Random Forest and Flask to predict solar/wind energy feasibility in Colombia.

- Tracking Colombian renewable projects.
- Technology Used :Python, Jupyter – Pandas – Numpy – Scikit-learn – github – seaborn, flask
- Github.com/gluoneros/greenPredEnergy

EXPERIENCE

• Freelancer

2021 to present

- In-depth understanding of AWS cloud computing services, including EC2, S3, RDS. Online
- Proficient in designing, deploying, and managing Developing custom web applications, automation scripts, and backend solutions
- Strong knowledge using Python frameworks like Django and Flask for various clients. Focused on delivering efficient and scalable code.s.
- Hands-on experience in cloud infrastructure provisioning, monitoring, and automation using AWS Management Console and AWS CLI.

• Mathematics & Physics Teacher

2010 - 2021

on-site

- Instructed high school and college level mathematics and physics courses.
- Developed engaging lesson plans, assessed student progress, and fostered a positive learning environment.

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, Python, Java, Javascript, HTML+CSS

Libraries : Python Libraries, Tailwind, scikitlearn..

Web Dev Tools: Linux, VSCode, Git, Github, Jupyter

Frameworks: Django, Flask, FastAPI, SpringBoot,

Cloud/Databases: postgres, Mysql, Relational Database(mySql), RDS.

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering.

Areas of Interest: machine learning, Backend, Cloud Security,

Soft Skills: Problem Solving, Self-learning, Presentation, Adaptability