

# JULEN CAIPA

BACHELOR IN MECHATRONICS ENGINEERING  
EXPECTED GRADUATION: 2025-05

## CONTACT

+57 3002419293  
caipajulen@gmail.com  
portfolio2-eta.vercel.app  
Bogota D.C, Colombia

## SKILLS

JavaScript	PowerAutomate
MySql	Power BI
Excel	Mongo DB
Python	R
AWS	

## EDUCATION

Bachelor in Mechatronic Engineering  
Universidad Militar Nueva Granada  
2019-2025

## CERTIFICATIONS

- Certificate in Basic programming  
Aug 2022
- Basic JavaScript programming certificate  
Jun 2022
- SQL for Data Science by University of California, Davis  
Nov 2024
- Python 101 for Data Science by IBM Developer Skills Network  
Feb 2024
- Gestión del análisis de datos by The Johns Hopkins University  
Oct 2024
- Exploratory Data Analysis for Machine Learning by IBM  
Nov 2024
- Supervised Machine Learning: Regression by IBM  
Nov 2024
- Supervised Machine Learning: Classification by IBM  
Nov 2024

## PROFILE

Highly motivated and results-oriented Mechatronics Engineering Senior with a proven ability to design and implement innovative solutions. Expertise in integrating programming, AI, data analysis, and control systems with mechanical and electrical components. Strong analytical and problem-solving skills with a focus on process optimization and system enhancement. Excellent communication and teamwork abilities, thriving in collaborative environments. Eager to contribute to cutting-edge projects and contribute to the advancement of technology.

## WORK EXPERIENCE

### Internship: Supply Chain Data Analyst

SLB, Cota February 2024 - Current

- Designed and built interactive dashboards in Power BI to support strategic decision-making within the Supply Chain department.
- Developed and implemented automation solutions using Python to streamline processes and improve efficiency.
- Created and executed data analysis scripts to gain valuable insights from large datasets, supporting key business decisions.
- Automated data management and cleaning processes to ensure data accuracy and consistency.
- Designed and implemented workflows using Power Automate to optimize business processes.
- Developed custom applications with PowerApps to streamline operational tasks and improve user experience.
- Collaborated with cross-functional teams to ensure seamless integration of tools and data across the Supply Chain.

**Tools:** Python, SQL, SQL Server, Power Automate, Excel, Power Bi.

### Developer: Automation of Administrative Processes

Promotora Inmobiliaria R&G June 2021- December 2023

- Led the development of Python-based automation solutions to streamline administrative processes, including lease creation and penalty clause generation, ensuring accuracy and regulatory compliance.
- Developed and implemented a Flutter-based property inventory control system connected to a Firebase database.
- Real-time monitoring of property availability and status enabled improved decision-making and resource allocation.

**Tools:** Python, SQL, Excel, Power Bi, Databases

## REFERENCES

- Cristian Leonardo Caipa Garces  
Promotora Inmobiliaria R&G, Bogota 3118169359
- Juan Diego Bernal Castro  
SLB, Cota jbernal13@slb.com
- Nathalia Piedrahita  
SLB, cota npiedrahita@slb.com