SAMUEL IVÁN MALDONADO MONTERO

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https://devmaldonado.vercel.app/

Profile

*Systems Engineer (currently completing degree), passionate about software development and data analytics. I have experience in creating web and mobile applications using technologies such as **Node.js, Python, Angular, React, TypeScript, Flutter,** and **Tailwind CSS,** as well as in managing **SQL databases** and generating reports and indicators in **Power BI.** I am motivated to contribute to dynamic and innovative teams, developing secure, scalable solutions that have a positive impact on the business.*

Education

System Engineer   2021 - currently
Universidad Libre, Barranquilla

Labor Technician in Administrative Assistant   2020
CODETEC, Barranquilla

Professional Experience

Unicorsalud | Development intern

2025 - 2025

*Tasks performed: I participated in the development and maintenance of SIUC, a monolithic system in **Python (Django)** to optimize Unicorsalud's internal processes. I contributed to the implementation of functionalities, incident correction, and **PostgreSQL databases** management, collaborating with the team on module integration and functional testing.*

E-training | Monitor

2024 - 2025

*Tasks performed: Academic monitor in the **Talento Tech 2.0** program, providing assistance and guidance to students in the Artificial Intelligence, Cybersecurity, and Data Analysis bootcamps. Throughout the experience, I have been a monitor in a total of **six courses of 159 hours each,** supporting practical learning, resolving technical questions, and reinforcing fundamental knowledge for project development.*

Projects

M&M CAKE SHOP - Next.js, Tailwind CSS, Cloudinary
*I developed a web application for a bakery, where customers can browse products, view detailed information, and make inquiries. I implemented a modern, responsive interface with **Next.js** y **Tailwind CSS**, as well as integration with Cloudinary for image management.*
(In Development).
https://mym-page.vercel.app/

PERSONAL PORTFOLIO - Next.js, SCSS, Motion
*I designed and developed my web portfolio to showcase my projects and experience in frontend development. I implemented smooth animations with **Motion**, custom styles with **SCSS**, and a modular structure with **Next.js** to achieve an optimized and professional site.*
https://devmaldonado.vercel.app/

MANAGEMENT OF THE WORK PLAN FOR TEACHERS UL - Python (Flask), MySQL
*I developed the system's **backend** in collaboration with a colleague, implementing business logic, user authentication, and connection to relational databases using **MySQL**. The system optimizes the planning, monitoring, and reporting of teaching activities, ensuring an efficient flow of academic information.*
https://github.com/MauricioMolina12/ClassroomProject

RENTA GO - Angular, Node.js, JWT (Auth)
*I collaborated on the development of a web application for vehicle rental management, implementing secure authentication features using **JWT** and encrypted passwords. On the backend, I participated in the creation of secure routes with **Node.js** and **Express**; on the frontend, I developed dynamic components and reactive forms with **Angular**.*
Backend: https://github.com/MauricioMolina12/Node-JS-Proyect
Frontend: https://github.com/Samue2408/Reserva_Vehiculos

Seminar, Courses

Basic Data Analysis Bootcamp   2024
MINTIC, Universidad Libre & E-training

Participation in RedCOLSI Departmental Meeting   2024
Speaker of the project entitled: "Development of a web application for academic management of teachers for the Universidad Libre, Barranquilla".

Participation in the Second UNILIBRE Hackathon   2024
*Faculty of Engineering of the Universidad Libre sectional Barranquilla ranked **3rd.***