

Electronic Engineer

Carlos Osorio Cardona

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ABOUT

Electronic Engineer and Developer with experience in designing and implementing tech solutions for automation, monitoring, and system optimization. I specialize in web development and have strong knowledge of Linux servers and home automation systems. With a focus on UI/UX, I merge design and engineering to create functional, scalable interfaces. Passionate about tech innovation and efficiency in every project I undertake.

EDUCATION

Universidad de la Costa (CUC)

Barranquilla, Atlántico
Electronic Engineering
2021 – Present
8th Semester

IE Adolfo León Bolívar Marengo

Suan, Atlántico
High School Diploma
2015 – 2020

SKILLS

- HTML5, CSS3, Sass, Tailwind
- JavaScript, ReactJS, Astro.js
- PHP, Firebase, Django, WordPress
- Gestión SEO, optimización de rendimiento
- Servidores Linux (Ubuntu, CentOS)
- Bases de datos: SQLite, MySQL
- WebSockets, APIs REST
- KNX, SCADA, Modbus, MQTT
- Figma, Diseño Pixel Perfect
- Automatización de tareas

LANGUAGES

- Spanish – Native
- English – Conversational (B2)

WORK EXPERIENCE

Electronic Engineer & Full Stack Developer Colmotica Andina S.A

August 2024 – April 2025

- Leading the integration of home automation solutions for clients like GreenYellow and Ísimo, optimizing monitoring and control systems using KNX, SCADA, and WebSockets. I design ReactJS interfaces for real-time sensor and device management. Additionally, I maintain home automation infrastructures in hotels and residences, ensuring performance and reliability. In UI/UX, I use Figma to create intuitive and functional interfaces.

Web Consultant Tauro

December 2024

- Recommended by Meico S.A.'s Project Manager to provide specialized guidance on WordPress. I collaborated on content optimization and management, authentication implementation, and payment gateways, ensuring secure and efficient functionality. Additionally, I trained the team to enhance platform management, improving user experience and optimizing internal processes.

Web Provider Meico S.A | Pasion Ferretera

November 2023 – April 2024

- Responsible for the maintenance and optimization of Pasion Ferretera's WordPress site. I implemented significant performance and user experience improvements, ensuring smooth and efficient navigation. Additionally, I developed an interactive digital magazine in ReactJS to dynamically display over 1,000 products, optimizing catalog presentation and improving information accessibility.

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Dear Hiring Manager,

It is a pleasure to present myself as a candidate for a position at your company. I am an Electronic Engineer with experience in software development, automation, and technology project management. Beyond my technical background, I define myself as a solution-oriented individual with strong analytical skills and adaptability, enabling me to learn and contribute effectively in diverse work environments.

At Meico S.A., I developed an interactive digital platform for over 1,000 products, improving performance and user experience. This experience not only strengthened my technical skills but also enhanced my ability to collaborate with multidisciplinary teams, prioritize tasks, and deliver effective solutions under pressure—key competencies in any professional field.

Later, at Colmótica Andina S.A., I led the implementation of advanced home automation systems, integrating tools like ReactJS, KNX, and WebSockets. This role involved direct client interaction, understanding their needs, and providing tailored solutions, showcasing my communication skills, empathy, and customer-focused approach.

I consider myself a dedicated, critical, and curious individual, capable of adapting to new challenges. Regardless of the sector, I bring a combination of technical thinking, strategic focus, and responsibility in execution.

I would be delighted to discuss how I can contribute to the growth of your team and take on new professional challenges.

I look forward to the opportunity for further discussion.

Sincerely,

Carlos Enrique Osorio Cardona