MAURICIO SANTOS REBOLLEDO

MSc. Electronic Engineer | Full Stack Developer | AI Enthusiast

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in mauricio-santos-rebolledo-9a0924137   ⬡ MauricioSantos12

Front-end and Full Stack Developer with a strong foundation in Electronic Engineering and a Master's degree in Engineering. Experienced in building responsive, scalable web applications using React, Next.js, Node.js, and modern JavaScript frameworks. Passionate about integrating Artificial Intelligence into software development to create innovative, data-driven solutions that improve user experience and business performance.
Seeking to enhance my technical expertise through advanced studies in Applied Artificial Intelligence and Machine Learning.

EDUCATION

Master of Engineering (Materials Engineering) — Universidad Autónoma de Manizales, Colombia (2022 – 2024)
Relevant Courses: Data Analytics, Intelligent Systems, Programming for Engineering.

Bachelor of Electronic Engineering — Universidad Autónoma de Manizales, Colombia (2016 – 2020)
Achievement: Awarded a Government Scholarship for Academic Excellence.

CERTIFICATIONS

- Artificial Intelligence for Digital Business — Platzi (2024)
- AI Agent Design — Platzi (2025)
- Node.js Development — Platzi (2023)
- SQL Databases Management — Platzi (2023)

TECHNICAL SKILLS

- HTML
- CSS
- Javascript
- React js
- Next js
- Node js
- SQL
- Git/GitHub
- API
- Agile (Scrum)
- ML Fundamentals

SOFT SKILLS

- Analytical
- Thinking
- Team Collaboration
- Adaptability
- Problem Solving
- Innovation
- Communication

EXPERIENCE

Front-End Developer
SCALA Colombia SAS
2023 – Present

- Designed and developed responsive web interfaces using React, Next.js, and JavaScript, improving load time and accessibility across platforms.
- Collaborated with UX/UI and back-end teams to translate designs into scalable, user-focused applications.
- Implemented performance optimization strategies and accessibility standards, increasing usability metrics.
- Applied Agile methodologies and Git for version control and continuous delivery.

Front-End Developer Jr.
Bcode
2020 – 2023

- Contributed to the modernization of core codebases, enhancing system performance and maintainability.
- Participated in multi-disciplinary teams to implement new features and resolve critical bugs.
- Promoted code quality and efficiency through reusable component design.

Frontend Instructor
Educamás Colombia
2023 (Feb – Jun)

- Delivered interactive lessons on HTML, CSS, and JavaScript, boosting student engagement and retention.
- Designed project-based learning strategies aligned with industry standards.

LANGUAGES

Spanish
Native

English
Intermediate (B1, certified by Colombo Americano, 2025)