

CONTACT

Portfolio

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GitHub

github.com/jmcuaor1

Location

Antioquia, Colombia (UTC-5)

EDUCATION

B.S. Systems Engineering

Universidad EAFIT · Medellín
8th semester · Expected 2029

Diploma in Analytics with Artificial Intelligence

Universidad EAFIT

TECH STACK

Backend & APIs

Node.js

TypeScript

Fastify

Express

Prisma

PostgreSQL

Data & machine learning

Python

XGBoost

scikit-learn

pandas

NumPy

Infra & quality

Docker

Git

Prometheus

Vitest

Mobile & frontend

Flutter

Dart

React

Also: Java, MongoDB, MySQL, WordPress, Wix Studio

LANGUAGES

Spanish · Native

English · Advanced

AWARD

Best Technology Project

Colegio Tercer Milenio · 2022

Juan Miguel Cuaor Ríos

Software Developer · Backend, APIs & Data Systems

Founder & CTO of URBUS and Systems Engineering student at EAFIT. I build backends, APIs and data systems from scratch to production. Open to remote, hybrid or freelance roles.

EXPERIENCE

URBUS · Founder & CTO Mar 2025 – Present

- Founded and lead the technology behind a public transit platform that detects bus bunching in real time and triggers operational alerts.
- Designed the backend in Node.js, TypeScript, Fastify, Prisma and PostgreSQL, and coordinate a team of 3 developers.
- Took the service to production grade: Prometheus metrics, Vitest test suite and Docker deployment.

Nebula · Freelance Web Developer (project-based) Mar 2026 – Present

- Delivered 8 production websites end to end, integrating WhatsApp, CRMs and payment gateways.
- Built an admin panel that lets a client swap contact numbers in seconds, with no developer involved.
- One client grew online sales by 35% after launch.

GrowUp · Digital Marketing Director 3 months

- Led client digital campaigns end to end: requirements, execution, scaling and performance tracking.

FEATURED PROJECT

Tennis AI · Machine learning (solo) github.com/jmcuaor1/tennis-ai

- Calibrated XGBoost model that predicts ATP match winners: 65.9% accuracy on 18,842 test matches.
- Chronological and walk-forward validation; found and fixed a data leakage bug that inflated results.

RESEARCH & LEADERSHIP

SIIE Research Group · EAFIT 2026 – Present

Formal company development applying engineering best practices.

Software Engineering Research Group · EAFIT 2025 – Present

Applied research in software engineering.

Kratos Program · EAFIT 2024 – 2025

Image representative: managed the team's relationships with partner companies.

Teaching Assistant · Diploma in Analytics with AI, EAFIT

Supported students through the program's content and exercises.