John Andrés Romero

Full Stack Developer · Data and Automation

Bogotá, Colombia · Available remote (UTC−5)
john.romero978@gmail.com · +57 313 838 4395

SUMMARY

Full stack developer with 7+ years of experience who started in data analysis and is now the senior developer at SCAPDER. Builds and runs production web applications with Next.js, React, TypeScript, Python and SQL: online stores with live payments, B2B platforms, automations and API integrations. Owns architecture and data-model decisions, backed by testing, CI, self-managed deployments and AI tools integrated into the development workflow.

EXPERIENCE

Senior Developer · SCAPDER — 2019 – present

Python · SQL · Vue · Flask · Docker

- Joined as a data analyst and grew into the company's senior developer role.
- Python and SQL solutions on relational databases: processing, analysis, reports and KPIs, plus client technical support.
- Built the bilingual company landing page and contributed to a multi-agent simulation platform (Vue, Flask, Docker).

Full Stack Developer · Santa Rosa Agroindustrial — Aug 2026 – present

Next.js 16 · TypeScript · Cloudflare Pages, Workers and D1 · Drizzle · Python · Square · Shippo · PayPal · GitHub Actions

- Designed and built the company's B2B wholesale platform for US customers: storefront, operations dashboard, Square payments and Shippo shipping (1,600+ commits, 370 pull requests).
- Shipped a production online store on Next.js 16 and Cloudflare, with a D1 database through Drizzle, PayPal payments, an admin panel and 790+ automated tests.
- Developed Python data extraction and enrichment pipelines (Google, Yelp) for a database of US retailers; automated deployments with GitHub Actions.

Freelance Web Developer · zaino.design — 2026 – present

WordPress (PHP 8) · Figma · React · TypeScript · Python · Docker · Caddy · VPS

- Custom WordPress themes built from Figma designs for clients in Bogotá and Miami, lean on plugins and with CI.
- React and TypeScript dashboard that replaces a client's Excel planner, with Excel import and export.
- Lupa: a self-built lead-generation tool on Google Places and PageSpeed that publishes audit reports; Next.js console, Python CLI, Telegram alerts and a Docker VPS deployment.

Earlier experience

- **Data Analyst**, Data Smart (SCAP Analysis), 2018: data analysis, solution development and client support.
- **Data Entry and Survey Analyst**, DATOREAL EU, 2014: survey data entry and data organization.

PROJECTS

- **Payment fraud detection lab** (academic): simulated storefronts and processor, a detector and a machine-learning service; Next.js, Python, Docker Compose.
- **Networked co-op game** (Godot 4): host-authoritative server with Steam relay, automated tests and CI.

TECHNICAL SKILLS

Languages	TypeScript, JavaScript, Python, SQL, PHP, HTML, CSS
Frontend	Next.js, React, Tailwind, Vue, Vite, custom WordPress, Figma
Backend and APIs	Node, FastAPI, Fastify, Flask, Cloudflare Workers; Square, PayPal, Shippo, Google Places, Telegram
Data	PostgreSQL, MySQL, SQLite, Cloudflare D1, Drizzle; scraping and enrichment, Power BI, Excel
Infrastructure	Docker, Linux VPS, Caddy, Cloudflare, Fly.io, GitHub Actions
Practices	Testing (Vitest, pytest), hexagonal architecture, Git and pull requests, AI development tools

EDUCATION

Software Programming Technician
SENA · 2026 (in progress)

High school diploma
Instituto Tecnisistemas · 2015

LANGUAGES

Spanish: native

English: B2

REFERENCES

Available on request.