


MANUEL FRANCISCO NIETO ARIAS Full-Stack Software Engineer | MERN & Architecture Specialist — Bogotá, Colombia | [+57 313251939] | [<nietosoftwaredeveloper@outlook.com>] **GitHub:** github.com/NietoDeveloper | **Portfolio:** MANUELNIETO.NETLIFY.APP

DISTINCTIONS & GLOBAL RANKING: [👤 [#1 Committer Colombia](#)] [[🌐 #4 South America](#)] [[⚡ GitHub Rank S \(Top 0.2%\)](#)] [[🔥 200 Days Streak](#)]

PROFESSIONAL SUMMARY: High-performance Software Engineer specializing in **MERN architecture**. Ranked as the **#1 developer in Colombia** (71,000+ profiles). Expert in building scalable industrial ecosystems, low-latency dashboards, and **Digital Twin (DT)** solutions. Mastery of **Next.js 15, TypeScript, AWS, and Docker**, driven by an unwavering discipline of **9,000+ annual contributions**.

CORE TECHNOLOGIES: **Backend:** Node.js, Express, MongoDB, PostgreSQL, RESTful APIs. **Frontend:** React (Compiler), Next.js 15 (App Router), TypeScript, Tailwind CSS. **Cloud/DevOps:** AWS (EC2, S3, Clusters), Docker, CI/CD, [Vercel](#), Railway, Git/GitHub.

ACTIVE ECOSYSTEMS (DT PROJECTS) | Project | Stack | Status | Key Deliverable | | :--- | :--- | :--- | :--- | | [Software DT](#) | MERN | 🟢 Production | Medical hub & automated booking system. | | [Drone DT](#) | Next.js, AWS | 🟢 MVP | E-commerce & industrial control for Drone Factory. | | [DT Dashboard](#) | Next.js, Docker |  Project | **Digital Twin:** Real-time digital replica & control. | | [Emerald DT](#) | Next.js, SQL | 🟢 Dev | Industrial high-value asset management system. | | [NurseWebSite](#) | Vanilla JS | 🟢 Live | Healthcare platform & professional portfolio. |

TECHNICAL ACHIEVEMENTS

- **Elite Performance:** Globally ranked [Rank S \(Top 0.2%\)](#) on GitHub, reflecting superior code quality.
- **Engineering Discipline:** Unbroken **200-day commit streak**
- **Industrial Scalability:** Designed decoupled systems optimized for mass production on **AWS Clusters**.

EDUCATION & LANGUAGES: **Software Engineering:** 5.5 years of intensive technical development. **Languages:** English (B2 - 8/10 Proficiency) | Spanish (Native).

MISSION STATEMENT: I am committed to engineering world-class software that pushes the boundaries of automation. My goal is to apply my high-velocity output and architectural expertise to build mission-critical systems. Ready to deploy scalable, production-grade solutions for elite engineering teams.