Manuel Isaias Navarro Montealegre

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PROFESSIONAL PROFILE

Software Engineer and IT Architect specialized in leading technical teams, designing high-performance architectures, and building scalable SaaS products from scratch. Focuses on writing clean code and solving real-world scalability and operational performance problems and reducing deployment times through modern CI/CD and AI-driven solutions.

EXPERIENCE

NEXHORA (early-stage startup)
CTO & Co-founder · Part-time Apr 2025 – Present

- Lead technology strategy and engineering teams for the development and scalability of high-performance SaaS products.
- Direct software architecture decisions, cloud infrastructure, and technical roadmaps aligned with business objectives.
- Manage the full project lifecycle, ensuring the delivery of secure, scalable, and high-quality software solutions.
- Key Stack: Software Architecture, Cloud Computing, Technical Leadership, SaaS Development.

GRUPO HAY PLAN
Architect and IT Team Lead · Full-time Aug 2025 – Present

- Led a team of 5+ developers, implementing CI/CD workflows that reduced deployment time from 40 to 30 minutes.
- Architected scalable SaaS microservices supporting high-concurrency environments.
- Developed and optimized 15+ native mobile and web modules, increasing user engagement by 20%.
- Unified multi-platform authentication systems, improving security and reducing support tickets by 30%.
- Key Stack: React, Next.js, Node.js, TypeScript, CI/CD, Microservices.

SHARRYS TECH
Project Manager and Full Stack Developer · Contract Mar 2025 – Aug 2025

- Built reusable React/Next.js components, reducing feature development cycle time by 40%.
- Optimized PostgreSQL database schemas, reducing API query response times from 300ms to 210ms.
- Led UX/UI collaboration with stakeholders.
- Key Stack: React, Next.js, PostgreSQL, Tailwind CSS, Agile Management.

NEIVA CITY HALL — DEPARTMENT OF SPORTS (MUNICIPAL GOVERNMENT)
Lead Frontend Developer Nov 2024 – Feb 2025

- Led Agile/Scrum sprints for a team of 4.
- Integrated RESTful APIs and Prisma ORM, optimizing dashboard responsiveness for high-traffic data retrieval.
- Designed and implemented a dynamic search and filtering system, improving data retrieval efficiency.
- Key Stack: TypeScript, React, Prisma ORM, API Integration, Scrum.

FUNDACIÓN ELOHIM JADACH (non-profit organization)
Software Engineer May 2022 – Oct 2024

- Designed and developed scalable web applications, ensuring high performance and responsive design.
- Collaborated with multidisciplinary teams to define software architecture and build new features.
- Optimized database schemas and system integrations to reduce latency and improve user experience.
- Key Stack: React, Node.js, Express, PostgreSQL, Git.

FREELANCE
Full Stack Developer Jan 2020 – Dec 2024

- Designed, developed, and deployed custom web applications, landing pages, and SaaS solutions.
- Managed full project lifecycles: from requirements gathering and UI/UX design to backend architecture and deployment.
- Implemented modern technology stacks to deliver fast, secure, and SEO-optimized digital products.
- Key Stack: React, Next.js, JavaScript, MongoDB, Docker, WordPress.

EDUCATION

Universidad Surcolombiana (USCO) **Neiva, Colombia**
Software Engineering *Jul 2026*

TECHNICAL SKILLS

Software Development:
Languages: JavaScript (TypeScript), Python, SQL, Bash
Frameworks & Libraries: React, Next.js, Express.js, Node.js, Prisma ORM, Tailwind CSS
Architecture & Cloud:
Architecture: Microservices, Event-Driven Architecture, SaaS Design, RESTful APIs, MVC Pattern
Cloud & DevOps: AWS (EC2, S3, Lambda), Docker, CI/CD Pipelines (GitHub Actions/GitLab CI), Kubernetes, Nginx

Databases & Storage:
Relational: PostgreSQL, MySQL
NoSQL: MongoDB, Redis
Data Management: Database Schema Design, Query Optimization, ORM Integration

AI & Development Tools:
AI Integration: LLM API Integration (OpenAI GPT, Anthropic Claude, Google Gemini, DeepSeek API), Prompt Engineering, AI-Assisted Development
Methodologies: Agile/Scrum, Git/Version Control, UI/UX Design, SEO Optimization, Jira/Confluence

Languages:
Spanish (Native), English (C1 - Advanced)