Jair Alexis Mera Toasa

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Ambato, Ecuador (Remote Ready)

Professional Summary

Full Stack Engineer with 1+ years of experience building scalable web applications. Proficient in **React 18+, TypeScript, and Cloud Architectures**. Expert in leveraging **AI coding assistants (Cursor, Windsurf, Copilot)** to accelerate development cycles. Proven experience working with US-based clients (TAPinto) and migrating legacy ERP systems to Clean Architecture. Award-winning problem solver eager to apply technical expertise in new challenges.

Experience

Full Stack Engineer   Nov 2024 – Present
Senirop (Consultancy)   *Remote / Ecuador*

- **US Market Experience (TAPinto.net):** Core developer for a major US digital news platform. Managed complex CMS features (Ads, Payments, 12+ content types) in an **English-first environment**, ensuring reliability for high-traffic operations.
- **ERP Migration (Lideser):** Architected the migration of an Export Management ERP to a **Clean Architecture** (React 18 + Rails) in under 2 weeks, significantly improving scalability and maintainability.
- **AI Integration Strategy:** Utilized **Cursor and Windsurf** daily to accelerate the development of admin dashboards, reducing boilerplate time by $\sim$30% while ensuring strict UX/UI compliance.
- **AI Model Validation:** Evaluated code generation quality for an AI model training project. Validated outputs and refactored code samples, achieving high accuracy scores in technical audits.
- Implemented reusable **E2E testing architectures** using Playwright to reduce regression bugs across client projects.
- Mentored 3 junior developers on **TypeScript best practices**, fostering a collaborative team culture.

Full Stack Developer   Dec 2023 – Sep 2024
Technical University of Ambato (Gendocs V3 Project)   *Ambato, Ecuador*

- Led a team of 4 developers using Scrum to build a document management system handling 200+ monthly administrative documents.
- Developed responsive user interfaces using **Next.js** and robust backend services with **NestJS**, integrating Google APIs for dynamic template manipulation.
- Optimized system performance under high loads by implementing queue technologies (BullMQ), improving document generation efficiency by 70%.
- Set up CI/CD pipelines using **GitHub Actions** to automate testing and deployment processes.

Full Stack Developer   Mar 2023 – May 2023
Ambivalence Clothing (E-commerce)   *Ambato, Ecuador*

- Designed and developed a full e-commerce platform using **Next.js 14** and TypeScript.
- Implemented secure authentication flows using JWT and integrated payment gateways.

Technical Skills

Languages (Tech): TypeScript (Strong), JavaScript, SQL, Ruby (Intermediate), Python (Basic)
Frontend: React 18+, Next.js, Tailwind CSS, Material-UI, Shadcn/ui, TanStack Query
Backend: Node.js, NestJS, Ruby on Rails, RESTful APIs, WebSockets
AI Tools: **Cursor (Daily Driver), Windsurf**, GitHub Copilot, Claude Code
DevOps & Testing: Git, Docker, Jira, Jest, Playwright, AWS (S3, EC2, ECS)
Spoken Languages: **English (B2)**, Spanish (Native)

Honors & Awards

3rd Place - Advanced Programming Contest | *Hatary Shunko Innovation*   Apr 2025
- Developed a financial solution with **AI integration** in a team of 4, demonstrating rapid prototyping skills.

1st Place Winner - Algorithm Challenge | *Technical University of Ambato*   Apr 2023
- Solved complex algorithmic problems using TypeScript/JavaScript, outperforming other participants in logic and efficiency.

Education

Software Engineering   Nov 2021 – Present
Technical University of Ambato   *Ambato, Ecuador*