

Manuel Alejandro Prieto López

Frontend Web Developer | Computer Engineering Graduate

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Santa Clara, Villa Clara, Cuba

Available for 100% remote international positions

Experience working with distributed teams since 2022 | Open to international relocation with visa sponsorship

Professional Summary

Frontend Developer with over 3 years of experience developing modern, scalable, and high-performance web and desktop applications using **React**, **Next.js**, **TypeScript**, and **Electron**.

Specialized in transforming Figma designs into responsive, accessible, and pixel-perfect interfaces, with a strong focus on **user experience (UX)**, **performance optimization**, **SEO**, and code maintainability.

Has collaborated on Web3/NFT platforms, public websites, internal dashboards, and tools designed for non-technical users, working in fully remote and distributed environments. Proactive, detail-oriented professional with a results-driven mindset and full ownership from planning to delivery.

Work Experience

Frontend Developer – Freelance

Remote | October 2022 – Present

SQUARITY V2 – NFT Marketplace

- Developed the complete frontend of the marketplace using Next.js with multi-chain support.
- Implemented advanced exploration of collections and NFTs through filters, search, and detailed views.
- Built collection management modules including attributes, holders, on-chain activity, and live minting.
- Implemented user account features such as wallets, favorites, activity history, and tracking.

- Integrated decentralized authentication using NextAuth and SIWE, managing state with React Query.
- Optimized data visualization through interactive charts, legal pages, and production-ready feature flags.

Technologies: Next.js, TypeScript, Wagmi, Ethers.js, RainbowKit, Thirdweb SDK, React Query, MUI, ECharts

Website: <https://www.squarity.app>

Repository: Private

INNOVACIÓN FISCAL MX – CFDI Management Platform

- Developed the frontend of a web application for mass download and management of CFDI (XML) files.
- Implemented JWT-based authentication, permission control, and protected routes.
- Integrated real-time downloads using WebSockets with dynamic progress tracking.
- Implemented local storage using IndexedDB and automated generation of PDF and ZIP files from XML.
- Optimized global state management and data synchronization using TanStack Query.

Technologies: React, Vite, Material UI, React Query, WebSockets, IndexedDB, JWT

Website: <https://app.innovacionfiscalmx.com/>

Repository: Private

TELOSIANS – NFT Landing Page (Telos Blockchain)

- Developed a complete landing page with wallet connection and minting flow.
- Integrated RainbowKit and wagmi/viem for blockchain transaction reading and execution.
- Implemented responsive informational sections with custom animations.

Technologies: Next.js, React, TypeScript, Material UI, RainbowKit, wagmi

Website: <https://telosians.club>

Repository: Private

GOPCED – Assignment System (Desktop Application)

- Designed and developed a desktop application for university seat allocation.
- Modeled the SQLite database and developed multi-phase business logic.
- Implemented management modules, KPI dashboards, and PDF report generation.
- Implemented a role-based user system with access control.

Technologies: React, TypeScript, Tailwind CSS, shadcn/ui, Electron, SQLite, Vitest

Repository: <https://github.com/maplop/sigaced>

GCode Tools Suite (Desktop Applications)

- Developed the frontend of three Electron applications for GCode file editing and manipulation.
- Implemented 3D interfaces using Three.js and managed state with Zustand.
- Developed 3D navigation features, camera control, and advanced file management.

Technologies: Electron, React, TypeScript, Three.js, Material UI, Tailwind CSS, Zustand

Repository: Private

STAKINGCLUB – DeFi NFT Staking Platform

- Built pixel-perfect interfaces based on Figma designs.
- Developed interactive components and integrated wallet connections via MetaMask.
- Implemented staking and unstaking logic, pools, filters, and ROI calculator.

Technologies: Next.js, React, TypeScript, Material UI, ethers.js, web3-react

Website: <https://staking-club.vercel.app>

Repository: Private

Note: For additional projects, demos, and practice work, please visit the professional portfolio:
<https://maplop-portfolio.vercel.app>

Frontend Developer Intern – Destored

Remote | October 2022 – December 2022

- Developed frontend features using React within an agile, distributed team.
 - Integrated REST APIs and performed UI testing prior to each release.
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Education

Bachelor's Degree in Computer Engineering

Central University "Marta Abreu" of Las Villas

Villa Clara, Cuba

September 2015 – June 2020

Technical Skills

Languages

HTML5 · CSS3 · JavaScript (ES6+) · TypeScript

Frameworks & Libraries

React · Next.js · Astro · Electron

UI & Styling

Tailwind CSS · Material UI · shadcn/ui

Tools & Methodologies

Git · GitHub · Figma · Accessibility (A11y)
SEO · Core Web Vitals · SPA · SSG · Agile Methodologies (Scrum)

Additional

REST APIs · WebSockets · Web3 (fundamentals) · Zustand · Cross-browser compatibility

Languages

- Spanish: Native
 - English: Intermediate
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Professional Links

- **LinkedIn:** <https://www.linkedin.com/in/maplop>
- **Portfolio:** <https://maplop-portfolio.vercel.app>
- **GitHub:** <https://github.com/maplop>