

# Manuel Alejandro Prieto López

Computer Engineer | Frontend Developer

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Santa Clara, Cuba



## PROFILE

I graduated in Computer Engineering from the Universidad Central "Marta Abreu" de Las Villas in 2020. My first professional steps after completing university were as a Systems Engineer. In that role, I acquired extensive knowledge in critical areas such as network administration, cybersecurity, and the maintenance of technological infrastructures.

Two years later, I discovered my true passion for web development, particularly frontend engineering. Attention to detail and precision have been key in my choice of this role, allowing me to bring designs to life and enhance user experience. Since then, I have participated in several projects that have significantly enriched my skills and expertise. I have worked with technologies such as HTML, CSS, JavaScript, and TypeScript, as well as modern frameworks and libraries including Next.js, React, and Astro.

## WORK EXPERIENCE

Oct. 2022 - Currently

### Freelance Frontend Developer

- **Web Application Development with Next.js:** Designed and implemented customized interfaces for the projects Squarity, Staking Club, and Square Club, all focused on the NFT ecosystem. Utilized Next.js together with Material UI to build responsive and functional interfaces based on Figma designs, tailoring each component to meet the visual and user experience requirements of each platform.
- **NFT Marketplace with Thirdweb:** Developed a marketplace with Web3 integration through Thirdweb, enabling the purchase, sale, and management of NFTs. Worked primarily on the frontend and integration of decentralized APIs.
- **Landing Page for the Telos Ecosystem:** Developed a landing page focused on user conversion and enhancing the digital presence of the Telos ecosystem. Leveraged Next.js to optimize performance and SEO, and Material UI to build a modern, responsive interface. The design was based on Figma prototypes, adapting visual components to the project's needs.
- **Interface Layout for 3D Modeling and Printing Tools:** Created user interface layouts for ClaySlicer, VectorToGcode, and GcodeCloner, tools focused on 3D modeling and printing. Worked from Figma designs, implementing visual components with Electron, React, and Tailwind CSS.
- **Internship at Destored (Startup):** Participated in an agile team working with React in a collaborative environment. Applied modern development principles, Git branch management, and REST API integration for frontend tasks. This experience strengthened my teamwork skills and adaptability to real-world development workflows.
- **Frontend Development of Fiscal Management Application (CDFI Download):** Developed the frontend of a real application aimed at downloading and processing XML files from Mexico's SAT. Implemented the interface in React and Material UI, adapting a professional Figma template to the project's specific requirements. Collaborated closely with the backend developer, integrating REST APIs and establishing real-time communication via WebSockets to update the status of file processing.
- **Practice Projects and Technical Tests:** Completed personal projects and technical tests to strengthen frontend skills, including component layout, API consumption, dashboard creation, and use of Local Storage. Worked with React, Astro, Tailwind CSS, and ShadCN/UI, applying best practices and responsive design principles.

*Note: Some projects I have worked on are not publicly available due to intellectual property restrictions and company policies. However, I can share screenshots, code snippets, and local demonstrations to showcase my contributions and skills upon request.*

Aug. 2020 - Sep. 2022

### Systems Engineer

- **Virtualization with VMware:** Implemented and managed virtual environments to improve efficiency and scalability of IT resources.
- **Operating System Administration:** Installed, configured, and maintained servers running Windows Server 2008, 2012, and 2016, ensuring stability and performance.

- **Active Directory Administration:** Managed domain policies and configured directory services to facilitate user and resource management across the network.
- **Backup Management with Veeam:** Implemented and administered backup and recovery solutions using Veeam Backup & Replication, ensuring protection of critical data, integrity of backups, and disaster recovery capabilities in both virtualized and physical environments.
- **System Support and Maintenance:** Conducted proactive maintenance and updates of existing systems, ensuring optimal performance and applying necessary patches.
- **Task Automation:** Developed small scripts in PowerShell and batch to automate routine system tasks such as user management, temporary file cleanup, automated backups, and service monitoring.
- **Technical Troubleshooting:** Identified and resolved technical issues in systems and applications, guaranteeing minimal disruption to operations.
- **User Technical Support:** Provided technical assistance to users, resolving issues and responding to inquiries related to systems and applications.

## EDUCATION

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Sep. 2015 - Jun. 2020  
Villa Clara, Cuba

### Bachelor's Degree in Computer Engineering

Universidad Central "Marta Abreu" de Las Villas

## SKILLS

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HTML	CSS	JavaScript
TypeScript	React	Nextjs
Astro	Tailwind CSS	Material UI
Git	Figma	WordPress
Diseño responsivo	API REST	SQL
Metodología ágil Scrum		

## LANGUAGES

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Español ● ● ● ● ●      Inglés ● ● ○ ○ ○

## SOCIAL MEDIA

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LinkedIn: [www.linkedin.com/in/maplop](https://www.linkedin.com/in/maplop)  
Website: <https://maplop-portfolio.vercel.app>  
Github: <https://github.com/maplop>

## PROJECTS

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Squarity – NFT Platform: <https://www.squarity.app>

Telosians – NFT Community Website: <https://telosians.club>

Staking Club – NFT Staking Platform: <https://staking-club.vercel.app>

Poke Planet (Practice Project dedicated to Pokémon): <https://poke-planet.netlify.app>

Administrative Dashboard (Technical Test): <https://nox-exam-voypati.vercel.app/orders>

Rock, Paper, Scissors (Practice Project): <https://main--papel-piedra-tijera.netlify.app>

Notes Creator (Practice Project): <https://notes-space.netlify.app>

Interface Layout and API Data Loading (Technical Test): <https://nox-exam-2.vercel.app>

XML Download Landing Page (Technical Test): <https://landing-page-xml-download-cyan.vercel.app>