

Marcelo Maximiliano Oroquieta

Frontend Developer with Full Stack Capabilities

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Summary

Frontend Developer with 4+ years of experience building scalable, high-impact applications with **React and Next.js**. Strong focus on architecture, performance, and data integrity.

Full-stack capabilities with **PostgreSQL/Prisma** and experience **integrating AI**, real-time features, and complex data visualizations (3D/Globe.gl).

Professional Experience

GLOBANT - Interactive Data Visualization Platform for Endeavor

Frontend Developer (SSr Advance) | Full Stack Developer - Nov 2024 – Aug 2025

- Implemented complex visual components, including an interactive 3D globe built with Three.js and Globe.gl, ensuring accuracy with UX requirements.
- Optimized rendering performance in heavy 3D scenes, improving smoothness and stability across devices used in executive dashboards.
- Built data adapters for Salesforce APIs, handling queries, transformations and validation with Zod, ensuring consistent and reliable data flow.
- Participated in rigorous code reviews and mentored a junior developer, strengthening code quality across the team.

GLOBANT - Education Platform

Frontend Developer (SSr) - Aug 2022 – Oct 2024

- Led A11y improvements after an external audit, resolving key compliance issues and raising the platform's accessibility standards for public educational use.
- Managed application state with MobX, improving app responsiveness and reducing UI inconsistencies.
- Introduced TypeScript across core modules, reducing runtime errors and improving maintainability.
- Developed responsive interfaces in React/Next.js using Styled Components and Tailwind, ensuring consistency across devices.

GLOBANT - Sustainability Project

Web UI Developer (Jr Advance) - Aug 2021 – Dec 2021

- Applied Atomic Design to build reusable, scalable UI components, accelerating feature development.
- Contributed to architectural discussions and decisions in early stages of the project.

Key Projects

Full-Stack E-commerce Platform | Next.js 15, React 19, PostgreSQL, Prisma

- Built a high-performance e-commerce platform using **Server Actions** and secure authentication via **Auth.js**.
- Designed a scalable database schema in **PostgreSQL/Prisma** supporting multiple relational features.
- Developed an admin dashboard with **Shadcn UI** and integrated **PayPal** for payments and **Resend** for transactional emails.

AI-Powered Interview Platform | React, Firebase, Vapi AI, Zod

- Built a real-time technical interview simulator with **Vapi AI**, enabling interactive voice-to-voice sessions.
- Implemented user/session management using **Firebase Firestore** with real-time data updates.
- Ensured data integrity using **Zod**-driven validation across user flows.

Education

University Technician in Information Technology - UTN - Aug 2018 – Sep 2020

- Completed coursework focused on foundational and advanced topics in programming, database management, information systems analysis and design, and web development.

Technical Skills

CORE FRONTEND: React.js, Next.js, TypeScript, Javascript, HTML, CSS, A11y

STYLING & UI: Tailwind CSS, Styled Components, Shadcn UI, Storybook, Framer Motion, Atomic Design, Three.js, Globe.gl

STATE & DATA FLOW: MobX, Zod, Context API, Zustand

BACKEND & DATABASE: Supabase, PostgreSQL, Prisma ORM, MongoDB, Python, Flask, Java, Spring, PHP Laravel, MySQL, Salesforce API's

TESTING & TOOLS: Git, Jest, React Testing Library, Vapi AI, Firebase

Languages

English: Intermediate

Spanish: Native Speaker