

Santiago Orozco Holguín

Creative Technologist

Medellín, Colombia + Remote

santiago@orozcoh.com · linkedin.com/in/orozcoh · github.com/orozcoh

santiago.orozcoh.com · cv.orozcoh.com

SUMMARY

Software Engineer with an Electronics Engineering background, passionate about connecting software with interactive experiences. Experienced in web applications, cloud services, and tools for creative workflows, spanning TouchDesigner, interactive installations, telemetry systems, and AI-assisted development.

EXPERIENCE

Independent Software Engineer — Self-employed

Jun 2023 – Present · Remote · Self-employed

- Designed, built, and deployed production-ready web applications from concept to deployment.
- Developed cloud-native applications using React, TypeScript, Progressive Web App technologies, and Cloudflare's edge platform.
- Built cloud-connected tooling for interactive experiences, including licensing and telemetry systems for TouchDesigner deployments.

Software Engineering Intern — TSO Mobile Colombia

Oct 2022 – May 2023 · Remote · Internship

- Migrated a JavaScript UI component library to TypeScript, improving maintainability and type safety.
- Packaged reusable UI components into an internal npm library for use across multiple projects.
- Documented reusable components using Storybook, improving discoverability and developer experience.

PROJECTS

Anthology

Local-first knowledge management platform

A Progressive Web Application for capturing, organizing, and sharing personal knowledge. Built around local-first principles, with optional blockchain publication and QR-based sharing, allowing users to retain ownership of their data while selectively making content public.

Technologies: React, TypeScript, Cloudflare Workers

TD Status

Cloud licensing and telemetry platform for TouchDesigner

Cloud platform for managing software licenses and monitoring TouchDesigner deployments. Provides customer management, heartbeat telemetry, license validation, and operational visibility through Cloudflare Workers and KV.

- Built a cloud-based licensing system with heartbeat telemetry for monitoring TouchDesigner deployments.

Technologies: React, TypeScript, Cloudflare Workers

Prompter

AI image generation with crypto micropayments

AI image generation platform that transforms user images using curated prompts while accepting USDC payments through the x402 protocol. Designed without user accounts or traditional payment processing, prioritizing simplicity and privacy.

Technologies: React, TypeScript, Cloudflare Workers

SKILLS

Programming Languages: TypeScript, JavaScript

Frontend Development: React, Progressive Web Apps (PWA), HTML5, CSS3, Tailwind CSS

Creative Technology: TouchDesigner, Interactive Installations, Licensing Systems, Telemetry Systems

EDUCATION

Bachelor's Degree Electronics Engineering — Universidad de Antioquia

Aug 2014 – Jun 2023 · Medellín, Colombia

LANGUAGES

- Spanish — Native
- English — Fluent - B2