

RESUME
ALEJANDRO ROMANO

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Multi-disciplinary Web Engineer specializing in modern web technologies and UI/UX.
Born in 1994. Exploring the intersection between technology and human interaction.
Amidst the chaos that surrounds us, how does beauty and simplicity come to light?
My work is a lifelong journey to find the answer. For authentic people. By authentic people.

TECHNICAL SKILLS

- Dev — TypeScript + Javascript + Astro + Svelte + React + Nuxt + Vue + Modern CSS
Shopify's Liquid + Three.js + GLSL (basic) + Alpine.js + Python + Bash + Vite
- Tooling — Git + Shopify + Directus + Linux + Docker + Electron + Github Actions
LLMs (local or cloud-based) + Rsync + SSH + Vercel + Nginx Reverse Proxy
- Visuals — Photoshop + Figma + Illustrator + Premiere + Blender + Photography
- Misc — Writing & Documentation: Blogging, Technical Articles + UI/UX Design
Art Direction + Creative Strategy + Communication
- Lang — Proficient English + Native Spanish

EXPERIENCE PROFESSIONAL

martyr— / MARTYR X LTD / https://martyr.shop 2019 – Present
England, United Kingdom

Founder / Web Engineer / UI/UX

Founded and developed martyr—, an experimental multidisciplinary firm with an emphasis on exploring digital assets such as textures, mockups, and templates used by creatives worldwide.

Art direction and product development, from concept to production
Authored user-friendly documentation and manuals for all products

Web Store

- Designed and implemented UI/UX
- Optimized image encoding workflows using MozJPEG, WebP, and AVIF
- Tech — Shopify + Liquid + Javascript + CSS + Python + Bash Scripting + Cloudflare R2

Experimental Web Store (in development)

- Architected headless Shopify implementation
- Tech — Astro + Svelte + Typescript + CSS + GraphQL + Python + Bash + Cloudflare R2 + Payload

Built ZMOK, an open Source 3D render engine extending Photoshop mockups

- Source available at github.com/MARTYR-X-LTD/ZMOK/
- Built cross-platform support for macOS (ARM & x86_64) and Windows
- Tech — Electron + Three.js + VBScript + AppleScript

mönk / https://monkstudeyo.com 2023 – Present
England, United Kingdom

Freelance Web Engineer / Consultant

mönk is an independent design practice based between Beirut and London, offering design solutions in visual identities, art direction, UX/UI, and web design.

Web Portfolio & Store

- Migrated data from Webflow using Python and Bash
- Tech — Shopify + Liquid + Javascript + CSS + Alpine.js + swup + Three.js + Keen-Slider

Built monk-viewer: a photorealistic custom 3D object viewer for most of the web store items

- Browser optimizations using Offscreen Canvas and workers
- GLSL shader patching with custom specular antialiasing tailored specifically for this project
- Augmented Reality integration via QuickLook (iOS) and Scene Viewer (Android)
- Code contributions and suggestions to @MONOGRID/gainmap-js and @google/model-viewer
- Source available at github.com/arecsu/monk-viewer
- Direct demo at arecsu.github.io/monk-viewer/ or mönk's False Enlightenment
- Tech — Three.js + Typescript + Vite + GLSL + Blender

Kurate Music / KURATE MUSIC LTD

England, United Kingdom

2022 – 2023

Freelance Fullstack Engineer

Kurate Music is an independent UK record label empowering artists and innovating in sound – awarded with 6 RIAA gold certifications.

- Developed an internal private wiki platform for staff and artists
- Designed and implemented UI/UX
 - Engineered custom cookie-based JWT authentication system
 - Tech — Vue 3 + Nuxt 3 + TypeScript + CSS + Directus CMS + Vercel

Fuera De Juego

Tucumán, Argentina

2015 – 2017

Web Developer / Art Director

Fuera de Juego was an amateur local football tournament.

- Technical and creative lead
- Developed web platform for team and player registration using Ruby on Rails
 - Created branding and art direction
 - Produced professional portraits for teams and players

EDUCATION

Mechanical and Electrical Technician
Instituto Técnico, Universidad Nacional de Tucumán, 2013