

Abraham Haddioui Lastras

Creative Technologist & Hybrid Maker

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Creative technologist in Arnhem with a Fine Arts foundation and hands-on production discipline. I build audio-reactive WebGL experiences, React and TypeScript interfaces, and Python automations from concept to a working demo. I am strongest where creative intent meets technical delivery: interactive visuals, prototypes, campaign experiences and useful internal tools. Spanish native, professional English and developing Dutch.

SELECTED PROJECTS

NEXUS Visual Engine

Source code / 2026

WebGL / Three.js / GLSL / Web Audio API

- **Built 30 audio-reactive visual engines** by combining multi-band FFT, beat detection and shared shader uniforms in one browser gallery.
- Designed adaptive quality, a reduce-flashes mode and an emergency blackout for safer use in live performance and installation contexts.

Career OS

Private product / 2026

Next.js / React / TypeScript / Zod / AI UX

- **Structured one career workspace across 3 interface languages and 4 server-only AI routes** using typed content, request validation, rate limiting and documented security boundaries.

Job Alerts NL

Local automation / 2026

Python / YAML / data pipeline / scheduled workflow

- **Reduced multi-source vacancy research to one daily, deduplicated, 3-tier digest** by externalising search rules and ranking logic in editable configuration.

SELECTED EXPERIENCE

Founder - AuxDesign

Remote / 2023-2025

Built and maintained WordPress sites, UX/UI systems and digital marketing workflows; translated business needs into practical web delivery.

Production maker - NL

Gelderland / 2024-2026

Applied technical drawings, quality control and VCA safety across 2 Dutch manufacturing environments in multilingual teams.

Director & maker - Carpinteria HyM

Madrid / 2016-2024

Combined workshop delivery with budgets, procurement, supplier coordination, client communication and the company's digital presence.

Brand promoter - Vivo

MediaMarkt / 2022-2023

Explained consumer technology in a high-traffic retail setting and reported sales, stock and customer signals.

CAPABILITIES

Creative code: WebGL, Three.js, GLSL, Web Audio, generative and real-time visuals

Product: React, TypeScript, Next.js, UX/UI, responsive interfaces, prototyping

Automation: Python, YAML, structured data, AI-assisted workflows, documentation

Making: Adobe Creative Suite, graphic and industrial design, technical drawings, VCA safety

Languages: Spanish native / English professional / Dutch A2-B1, improving

EDUCATION & TRAINING

Bachelor of Fine Arts

University of Salamanca / 2017-2022

AI & Algorithms - 180h

SEPE / 2023

Digital Transformation & Industry 4.0 - 328h

EOI / 2022

VCA VOL - Occupational Safety

SSVV / Netherlands

EU resident / driving licence B / own vehicle

Open to English-speaking teams in the Netherlands