



Manuel Cañas Vidaller

FRONTEND & FULL-STACK DEVELOPER · CREATIVE TECHNOLOGIST

— PROFILE

I build digital products where frontend engineering, creative code and product thinking overlap. My projects tend to start as a problem I couldn't stop poking at. They end up functional, tested and live. I care about both the technical quality and how the thing feels to use. I pick things up fast and usually push a bit further than the initial brief.

— PROJECTS

Modular Alphabet

2025

Creative Coding · p5.js · JavaScript (ES6+) · Vercel

Interactive web application that transforms text into 3D modular geometry in real time. Designed a custom character-generation system, built a responsive interface for desktop and mobile with real-time rendering, PNG export and touch controls. Combined creative coding with practical UX decisions. Built with vanilla JavaScript and p5.js only.

> modular-alphabet.vercel.app

TripTip

2023

Full-stack · React · Node.js / Express · MySQL · JWT

Travel recommendation platform with separated frontend / backend architecture for scalability. REST API handles auth (JWT + bcrypt), photo uploads and user interactions via JSON endpoints, decoupled from the React client. Focused on maintainability, clean API design and future expansion. Final capstone project at Hack A Boss.

> github.com/manucv20/TripTip-API

— EXPERIENCE

2020 - 2023 / 2025

Hospitality @ Events Staff

Various venues - Sevilla · Canada

Worked in fast-paced hospitality environments in Spain and Canada, including high-stakes wedding and private events. Communication, adaptability and teamwork under pressure were essential. International experience that complements my work as a developer.

MAR - JUN 2022

Software Development Intern

Liquidtic

Worked on internal software tools and AI-related features using Python and Java. Collaborated on debugging and feature implementation within an existing codebase. Gained real experience in software structure, technical problem solving and working within an engineering team.

Python · Java · AI tooling

MAR - JUN 2019

IT and Networking Intern

GWC

Installed and configured routers, switches and network infrastructure in a professional IT environment.

Cisco · Networking · Hardware

— EDUCATION

2022 - 2023

Full-Stack Web Development Bootcamp

Hack A Boss

React, Node.js, Express, MySQL, JWT authentication. Capstone project: TripTip platform.

2020 - 2022

HND — Multiplatform Application Development

MEDAC

Java desktop, Android development, SQL and web applications.

2017 - 2019

Vocational Training — IT Systems and Networks

I.E.S. Poligono Sur

Hardware, operating systems and networking foundations.

CONTACT

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SKILLS

FRONTEND

- JavaScript
- TypeScript
- React
- Astro
- HTML5 & CSS3
- Responsive Design
- UI Development

BACKEND

- Node.js / Express
- REST APIs
- Python
- Java
- SQL / MySQL
- PHP

CREATIVE

- Three.js / WebGL
- p5.js
- Generative systems
- Procedural systems
- Interactive experiences
- Audio-reactive

TOOLS

- Git / GitHub
- Docker
- Vercel
- Postman
- Figma
- VS Code

LANGUAGES

Spanish
Native
English
Professional (B2)

INTERESTS

- Breakdancing
- Generative music
- Skating
- Cooking

EXPLORING

- Interactive 3D / WebGL
- AI-assisted workflows
- Accessibility in web
- Creative coding systems

OPEN TO

Remote · Frontend · Full-Stack
Creative tech · Freelance