

# Maximilien Notaro

Full-Stack Developer # Videomaker # Creative Technologist



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## Selected Work in IT

**GNU/Linux Consultant** (2010 to present) Consulting for web servers, **database management**, **networking**, SMB services, user/permission management, **backup** and restore.

**QA Tester** (Jun 2022 - Mar 2023) Manual software testing in an Agile **Scrum** team for an eCommerce company. Designed and executed regression, integration, and API tests (**Postman**, SOAP UI), reported bugs, and managed test cases using **Jira**. Validated data with **MySQL** and contributed to process improvements and product quality.

## Studies

**42Barcelona** (2023/24) Completed an intensive, peer-driven curriculum focused on advanced C programming, **memory management**, pointers, **data structures**, and **clean code**. Developed strong teamwork and **problem-solving** skills through collaborative projects and code reviews.

**D.A.M.S.** (2006) Bachelor's in Arts, Music, and Entertainment, **Cinematography** specialization, University of Bologna. Focus on **film theory**, **semiotics**, and critical analysis of **audiovisual** language.

## Own Projects

**PlantaVibras** (Apr 2024 to present) Lead developer for PlantaVibras, blending **software** and **hardware** to create interactive **audiovisual** tools and **web apps**. We explore how code-driven vibrations and technology can connect with the body and perception in live performances.

<https://www.plantavibras.com/>

**Perlitas Producciones** (2009 to present) Co-founder of Perlitas Producciones, handling **scripting**, **directing**, **editing**, and **team coordination** for B-series short films and music videos. Adaptable to all stages of production.

<https://mrhumildad.github.io/perlitas>

**MeteoSeps** (present) currently building Meteoseps, a data **scraping** and refinement pipeline plus a **React** client with a **MapLibre** map to visualise meteorological station averages over selectable date ranges.

<https://mrhumildad.github.io/meteoscat/>

## IT Skills

**GNU-Linux** Freelance consultant in GNU/Linux systems: system administration, **shell** scripting, servers, **databases**, and **networks**. Focus on troubleshooting and **automation**.

**Web Design** Responsive, interactive web pages with HTML, CSS, **JavaScript**. Skilled in **ReactJS** and modern **web standards**.

**Software Engineering** Project development in C and **NodeJS**, focusing on efficient code, **automation**, and problem-solving. Experience with **data structures** and **APIs**.

**Robotics Art** Creative use of **Arduino** for **interactive instruments** and installations (Plantavibras project).

## Other Skills

### Languages

**English** fluent

**Spanish** almost native

**Italian** native

**French** proficient

**Catalan** conversational

### Creative

**Videomaking** Shorts and music videos: scripting, lighting, filming, directing.

**Video Post Production** Editing, special effects, color grading with DaVinci Resolve.

**NFT & Crypto** Researching decentralization and gamification.

**Cyber Performances** Audiovisual livecoding and DIY sonic tools.

### Social

**International Attitude** Italian-French heritage, Barcelona resident since 2006.

**Passionate Learner** Self-taught and peer-to-peer environments.

**Sense of Humor** Helps reflect and resolve conflicts.

**Availability** Immediate for full/part-time, onsite or remote.

