

Marc Pont Casadevall

Full Stack Developer

Girona, Spain | +34 662 030 050 | mpont91@gmail.com
mpont91.com | linkedin.com/in/mpont91 | github.com/mpont91

EXPERIENCE

Present Connection

Girona, Spain (Remote)

Full Stack Developer — Victoria-ID Project

Jul. 2025 – Present

- Developed core full-stack features for the background screening platform (ID verification, digital document signing, and custom data forms) utilizing Vue.js and a highly customized Node.js/Express backend.
- Took the initiative to introduce end-to-end (E2E) testing to the project, setting up Playwright from scratch to catch bugs before production and improve release reliability.

Mobile Developer — Touchbase Project

May 2025 – Jul. 2025

- Architected and scaffolded a dependent-care mobile application from the ground up using React Native and Expo, establishing a scalable project foundation.
- Integrated IoT healthcare gadgets (fall detection, SOS alarms) and implemented complex state management and validation using TanStack Query, React Hook Form, and Zod.

Full Stack Developer — STX Project

Dec. 2022 – May 2025

- Developed and maintained a high-traffic production application using PHP (Laravel) and Vue.js within a cross-functional Agile/Scrum team.
- Delivered robust new features, resolved complex bugs, and optimized the existing codebase, utilizing Tailwind CSS for modern and responsive UI design.

Efmatica

Girona, Spain

Full Stack Developer

Feb. 2022 – Dec. 2022

- Architected and developed a scalable, long-term web application applying Domain-Driven Design (DDD) and Hexagonal Architecture principles.
- Built robust backend services using PHP (Laravel) and implemented a modular frontend using Vue.js, Quasar, and Tailwind CSS.
- Deployed and managed containerized microservices utilizing Docker and Kubernetes, ensuring high availability and testability.
- Implemented end-to-end testing strategies using Cypress to maintain code quality and prevent regressions in production.

XarxaFarma

Girona, Spain

Full Stack Developer

Jul. 2018 – Feb. 2022

- Modernized the company's technical infrastructure by migrating legacy desktop applications into a unified, centralized web platform.
- Redesigned and developed a new customer intranet, improving user experience and accessibility using Vue.js and Vuetify.
- Engineered reliable RESTful APIs and backend logic with PHP and Laravel, backed by MySQL databases and Docker environments.

Global Software Partner (GSP)

Girona, Spain

Ecommerce Developer

Sep. 2016 – Jul. 2018

- Developed and deployed custom e-commerce solutions for multiple B2B and B2C clients utilizing the Magento 2 framework.
- Engineered complex integrations between Magento stores and SAP B1 ERP systems via REST APIs to synchronize inventory and order data.

Grup Puig Infante

Girona, Spain

Full Stack Developer

Jul. 2014 – Sep. 2016

- Revamped and maintained a portfolio of corporate websites, landing pages, and online stores to improve brand presence.
- Developed custom backend solutions utilizing PHP and CodeIgniter, with responsive frontend designs implemented via Bootstrap.

PROJECTS

Automated Dev Environments (Dotfiles)

WSL | macOS

- **Technologies:** Zsh, Bash, Makefile, WSL, macOS, Git (SSH/GPG)
- Engineered automated configuration scripts to instantly bootstrap and standardize development environments across macOS and Windows (WSL) architectures.
- Utilized Makefiles to orchestrate the installation of system packages (Homebrew, APT), terminal environments (Oh My Zsh), and IDE profiles (VS Code, Android Studio).
- Automated the provisioning of SSH keys and GPG-signed commits for multiple Git profiles, ensuring secure and seamless context switching between personal and corporate repositories.

AI-Powered Algorithmic Trading Engine

Private Repo

- **Technologies:** Node.js, Express, Astro, Vue.js, Gemini AI
- Developed an automated backend system using Express that executes scheduled hourly cron jobs to fetch and analyze real-time market data (RSI, EMA indicators).
- Integrated the Gemini AI API to evaluate technical indicators and programmatically execute trades via the Binance API based on AI-driven decisions.
- Built a decoupled, high-performance frontend dashboard utilizing Astro, Vue.js, and Tailwind CSS to monitor system operations and visualize data.

Custom ERP & Corporate Platform

geo3.cat | *Private Repo*

- **Technologies:** Laravel, Vue.js, Quasar, Tailwind CSS
- Engineered a comprehensive internal management system (Intranet) from scratch to handle client portfolios, track billable hours, and automate PDF invoice generation.
- Designed and deployed a responsive corporate landing page using Vue.js and Quasar to showcase services and drive customer acquisition.
- Actively maintain the system as a solo developer, rolling out new features and ensuring production stability for daily business operations.

TECHNICAL SKILLS

Languages: PHP, TypeScript, JavaScript, SQL, HTML/CSS

Frameworks & Libraries: Laravel, Vue.js, React, Next.js, React Native, Expo, Express, Astro, TailwindCSS

Databases & ORMs: MySQL, PostgreSQL, Prisma, Eloquent, Knex

Tools & DevOps: Git, Docker, Kubernetes, PHPUnit, Jest, Cypress, Playwright

Architecture & Methodologies: Domain-Driven Design (DDD), Hexagonal Architecture, SOLID, TDD, Agile/Scrum

EDUCATION

Universitat de Girona

Girona, Spain

Master of Science in Computer Engineering

2012 – 2015

Universitat de Girona

Girona, Spain

Bachelor of Science in Computer Systems Engineering

2009 – 2012

LANGUAGES

Catalan: Native | **Spanish:** Native | **English:** Professional Working Proficiency