

Manuel Ade Valero

Full Stack Software Engineer

About Me

Full Stack Developer specializing in modern web applications and SaaS solutions built on serverless architectures. Proficient in React, Next.js, TypeScript, tRPC, TailwindCSS, Turso, and PostgreSQL, with hands-on experience integrating cloud services such as AWS S3, Stripe, and Resend to deliver scalable, high-performance products. Currently leading the development of SaaS applications that expand beyond traditional WordPress-based offerings, driving architectural decisions across the full software lifecycle — from design and implementation to CI/CD automation and cloud deployment. Recently specialized as an AI Prompt Engineer, leveraging artificial intelligence to build optimized, unique user experiences and significantly accelerate development workflows. Passionate about solving complex problems, adopting emerging technologies, and contributing to projects that make a real impact.

Contact Information

Location: Zaragoza, España

 [LinkedIn](#)

 [GitHub](#)

Skills & Expertise

Proficient

React, Next.js, TypeScript, Python, AWS Suite, TailwindCSS, tRPC, Node.js, REST APIs, SaaS Development, Serverless Architecture, Git, Astro, PostgreSQL, Turso, WasabiCloud, Stripe Integration, Resend, CI/CD Pipelines, shadcn/ui, AI Prompt

Professional Experience

Estudio Digital MC Clic

Full Stack Developer, Aug 2024—Current

Full Stack Developer Intern, Apr 2024—Jul 2024

Responsible for implementing and leading the development of modern web solutions with a focus on SaaS applications using Next.js and serverless architectures. My work complements the company's traditional WordPress-based offering by introducing more advanced and scalable technologies.

Key Responsibilities:

- Design and implement SaaS web applications with Next.js, optimized for scalability and performance.
- Configure and maintain serverless architectures using services such as Turso, AWS S3, Stripe, Resend, and other cloud services.
- Implement efficient development workflows using modern CI/CD tooling and cloud deployment pipelines.
- Lead planning and decision-making across the full software development lifecycle.
- Development and delivery of static websites for clients, ensuring fast load times and clean, maintainable code.
- Optimization and maintenance of WordPress-based websites, including performance tuning and SEO improvements.

Notable Achievements:

- Sole developer and architect of [BeeTime](#), a cloud-based HR SaaS platform built for the Spanish market — designed, built, and deployed entirely from scratch. The platform enables digital workforce time tracking, leave and vacation management, and automated HR reporting, helping SMEs comply with Spanish labor law (Real Decreto-ley 8/2019) and GDPR.
- Implemented a scalable serverless architecture on Vercel with Turso (distributed SQLite) and AWS S3, achieving high performance, high availability, and low operational costs.
- Built a full subscription and billing system with Stripe enabling secure recurring payments, including metered pricing per employee, prorated adjustments, and a 30-day free trial flow — optimizing revenue and user experience.
- Developed automated reporting features with data export to Excel and PDF, saving clients an estimated 10 hours per week in HR administration.
- Integrated geolocation-based clock-in/out, absence approval workflows, and shared calendar management across web and PWA.
- Developed SaaS applications that diversify the company's service offering and attract new clients.
- Automated the development and deployment process, significantly reducing delivery times.
- Built Python-based web scrapers to collect structured data from external sources, integrating the extracted datasets into internal workflows and application features to drive data-informed decisions.

Skills and Technologies: Next.js · React · Node.js · TypeScript · tRPC · Serverless (AWS S3, Turso, Resend, Stripe) · SaaS Development · Cloud Integration · Distributed Databases · CI/CD · Static Web Development

Engineering, Cloud Deployment,
Drizzle ORM, Zod, Vercel.

Comfortable

Prisma, SEO Optimization, Docker,
React Query, Web Scraping,
BeautifulSoup, Scrapy, Playwright
(Python), Selenium, Data Parsing.

Familiar

Client Communication,
Requirements Gathering,
Technical Consulting,
Project Scoping, Stakeholder
Management, Astro, Figma.

Achievements

Higher Technician Degree, Web-App Development

 UNIVERSAE, 2024

Completed with a final grade of 9.23/10. Focused on web development technologies including Next.js, modern frontend frameworks, and full stack development practices.

Hobbies & Interests

Music is one of my biggest passions — I enjoy the full creative process from writing and singing to producing, mixing, and mastering tracks. Working across different genres has sharpened my ear for detail and my ability to see a project through from concept to finished product.

Outside of music, I'm an avid gamer. Video games have long been a source of inspiration and a way to disconnect, and I appreciate them both as an art form and as a medium that pushes the boundaries of technology and storytelling.