Jorge Agoiz Pedraja

Senior Software Engineer

Scalable Product Engineering · Platform Engineering · AI Workflows & DX

📍 Pinto, Madrid (Spain)

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🟢 Senior Software Engineer @ Fever

PROFESSIONAL PROFILE

Hi! I'm Jorge Agoiz, a Senior Software Engineer focused on building scalable products, platform engineering, and Developer Experience (DX). Just like tending a good artisanal farm, I enjoy caring for every stage of the craft: from frontend and full-stack architecture to technical leadership and long-term maintainability.

I have a strong interest in AI-driven workflows, process automation, and internal tooling that multiply team productivity and deliver measurable business impact.

PROFESSIONAL EXPERIENCE

Senior Software Engineer

Oct 2025 — Present

Fever · Madrid, Spain

End-to-end scalable product engineering (frontend & backend), platform engineering, and AI-powered workflow design to streamline operations and boost team productivity.

- Designed and implemented AI-driven workflows and internal tools to automate processes, speed up operations, and multiply engineering productivity.
- Contributed to the platform team by scaling shared repositories, improving Developer Experience (DX), and standardizing engineering best practices across teams.
- Built end-to-end scalable solutions across backend and frontend, supporting architectural decisions and rapid prototyping of new B2B capabilities.

TypeScript | Angular | Astro | Node.js | Python | Django | FastAPI | AI Workflows

Frontend Lead Developer

May 2024 — Oct 2025

BKOOL · Madrid, Spain

Technical leadership of the frontend area, architectural evolution, developer mentoring, and cross-functional alignment with product and engineering teams.

- Led the design and evolution of scalable frontend architectures, ensuring technical consistency, long-term maintainability, and alignment with product goals.
- Mentored frontend engineers through code reviews, architectural guidance, technical decision-making, and adoption of best practices.
- Drove complex product integrations acting as the main frontend technical point of contact with Backend, QA, Design, and Product teams.

React | Next.js | TypeScript | Frontend Architecture | Storybook | AWS | Docker | GitLab CI/CD

Frontend Developer

Apr 2023 — May 2024

BKOOL · Madrid, Spain

Scalable web application development, reusable UI component library creation, and automated testing & CI/CD deployment pipelines.

- Built and maintained responsive, scalable web applications using React, Next.js, and TypeScript, delivering maintainable interfaces aligned with product requirements.
- Created and maintained reusable component libraries with Vite, Storybook, React, and TypeScript, improving visual consistency and development velocity.
- Implemented automated testing and CI/CD pipelines with Vitest, Cypress, GitLab, Docker, and AWS, increasing reliability and speeding up production releases.

React | Next.js | TypeScript | Vite | Storybook | Vitest | Cypress | Docker | AWS

Frontend Developer

Jul 2022 — Apr 2023

Cloud District · Madrid, Spain

Building modern web applications for multiple digital clients with a focus on reusable components, web performance, and stability through testing.

- Developed and maintained modern web applications with React.js and Next.js, focusing on component reusability, performance, and responsive design.
- Implemented unit, integration, and end-to-end tests using React Testing Library and Cypress to guarantee application stability.
- Collaborated in agile environments using Git and Bitbucket for version control, peer reviews, and continuous delivery workflows.

React | Next.js | TypeScript | Node.js | React Testing Library | Cypress | Docker

Analytics Engineer

Feb 2022 — Jul 2022

Jakala (BMIND) · Madrid, Spain

Digital analytics engineering, JavaScript measurement solutions, and Python automation & data extraction tooling.

- Configured and maintained web tracking implementations via Google Tag Manager, ensuring accurate data capture across multiple digital properties.
- Built custom JavaScript tracking solutions integrated with Google Analytics 4 for user behavior analysis and marketing performance.
- Developed automation and web scraping tools in Python and Selenium, reducing manual data collection effort and improving structured data access.

JavaScript | Python | Selenium | Google Tag Manager | Google Analytics 4 | Web Scraping

Full Stack Developer (Tech Volunteering)

Feb 2022 — May 2025

VOST Euskadi NGO & The Vital Inclusive Organization · Madrid, Spain (Remote)

Pro-bono full-stack development of web platforms, CMS systems, cloud infrastructure, and automation workflows for non-profits and emergency response teams.

- VOST Euskadi (2022–2025): Built and maintained the website and CMS for the digital emergency volunteer organization, creating data extraction and automation pipelines with Playwright, Selenium, and Beautiful Soup.
- The Vital Inclusive Organization (2023): Built the website and supporting cloud infrastructure using Astro, Payload CMS, MongoDB, and AWS to give the NGO a scalable digital presence.
- San Antonio's House Organization (2024): Collaborated on developing their digital platform with Next.js 14, TypeScript, Firebase, and Node.js.

Astro | Next.js | TypeScript | Payload CMS | Strapi | Supabase | MongoDB | Playwright | AWS

FEATURED PROJECTS

🎃 2D RPG Portfolio Farm

Top-down RPG interactive portfolio inspired by Stardew Valley with a custom 2D HTML5 Canvas engine and procedural 16-bit sprites.

Impact: 100% code-generated in TypeScript and Astro, with hitbox collisions, dynamic Y-sorting, day/sunset/night cycle, and a printable classic CV mode.

Astro | TypeScript | HTML5 Canvas | Procedural Pixel Art | Modern CSS

🍓 Strapi Cloud Storage Providers (Open Source)

Open-source packages for Strapi CMS integrating Supabase Storage and Appwrite as cloud media storage providers.

Impact: Two packages published on GitHub and npm (strapi-upload-supabase-provider and strapi-provider-storage-appwrite) used by the developer community.

Node.js | JavaScript | Strapi CMS | Supabase | Appwrite | Open Source

🌻 VOST Euskadi — Platform & Automation

Web platform, CMS, and automated data extraction pipelines for the Basque Country Digital Emergency Volunteer Team.

Impact: Over 3 years of continuous evolution combining a fast Next.js 14, Strapi, and Supabase portal with scraping and automation pipelines in Playwright, Selenium, and Beautiful Soup.

Next.js 14 | TypeScript | Tailwind CSS | Strapi | Supabase | Playwright | Python | Beautiful Soup

🫐 The Vital Inclusive & San Antonio's House

Full-stack development and cloud infrastructure for web platforms and content management systems serving international NGOs.

Impact: Modern production architectures powered by Astro, Payload CMS, MongoDB, and AWS (The Vital Inclusive) and Next.js 14 with Firebase (San Antonio's House).

Astro | Next.js 14 | TypeScript | Payload CMS | MongoDB | Firebase | AWS

🍏 Sonner Toast OSS & Quiz Contest API

Open-source contributions to the Sonner toast notification library for React, plus a full-stack Quiz Contest platform and API.

Impact: Improvements contributed to the React/TypeScript open-source ecosystem and complete Quiz Contest architecture built with Node.js, SvelteKit, TypeScript, and MySQL.

React | TypeScript | SvelteKit | Node.js | MySQL | Playwright | CSS

TECH STACK & SKILLS

🎨 Frontend & UI

TypeScript & JS (4+ years) | React & Next.js (4+ years) | Astro (3+ years) | Angular & Svelte (2+ years) | UI Systems & Storybook (4+ years)

🤖 Backend, Data & AI

Node.js (4+ years) | Python, Django & FastAPI (4+ years) | AI Workflows & LLMs (2+ years) | CMS, MongoDB & SQL (4+ years)

☁️ Cloud, DevOps & DX

Docker & Containers (4+ years) | CI/CD & Platform DX (4+ years) | AWS & Cloud (3+ years)

🛠️ Testing & Leadership

Playwright, Cypress & Selenium (4+ years) | Vitest & Testing Library (4+ years) | Tech Leadership & Mentoring (2+ years)

EDUCATION & TRAINING

Higher Technician in Web Application Development (CFGS DAW)

2019 — 2021

ILERNA FP Online · Madrid, Spain

Official Higher National Diploma in Web Application Development focused on full-stack software engineering, client-server architecture, databases, and application deployment.

- Hands-on specialization in the JavaScript/TypeScript ecosystem, responsive UI design, API development, and data modeling.
- Completed alongside a prior ~7-year career in industrial logistics (Hijos de Rivera, S.A.U.), forging a strong work ethic, discipline, and problem-solving mindset.

Certifications & Continuous Learning

2019 — Present

Ongoing Training · Web Performance, TypeScript & AI · Online

Continuous learning in advanced frontend architecture, web performance, Progressive Web Apps (PWAs), applied AI (LLMs), and automation.

- Completed certifications: Understanding TypeScript, Web App Performance, PWAs: You Might Not Need That App Store, ES6 JavaScript: The Complete Developer's Guide, and Universidad Java (70h+).
- Community & Self-Taught Foundations: freeCodeCamp (2019) and prior university coursework at U.N.E.D. (2012–2013).