

Fullstack Developer with **3+ years of experience** building products end to end: from the **OpenAPI** contract to the **Java 17 / Spring Boot** backend and the SPA in **Vue 3 / Nuxt** or **Angular**. I work in **digital accessibility**, on a platform deployed across public-sector portals subject to Spain's RD 1112/2018 and the European Accessibility Act. I own both the feature and the system that sustains it: hexagonal architecture, testing with coverage gates, zero-warning linting and living documentation. Agile, English B2.

1,200+

web portals run the platform I develop

60 M+

users reached every year

386 → 0

ESLint errors during the Nuxt 4 migration

0 → 80 %

test coverage with a gate in CI

PROFESSIONAL EXPERIENCE

inSuit · Digital accessibility

Mar 2025 – Present

Fullstack Developer · Valencia

Web accessibility platform (automatic remediation plus a navigation assistant driven by voice, keyboard and switches) deployed on **more than 1,200 portals** of public administrations and large organisations subject to **RD 1112/2018** and the **European Accessibility Act**, reaching **60 M+ users a year**. I work across two products and six repositories: the **deployment backoffice** that configures, versions and publishes the tool on customer sites, and the **accessibility engine** injected into those pages.

- **Full-stack delivery from contract to UI:** every feature is closed end to end — **OpenAPI 3.1** spec, **Java 17 / Spring Boot** backend with JPA and **Liquibase** migrations, and a **Vue 3 / Nuxt 4** SPA with Pinia, Vuetify and a generated OpenAPI client.
- **mTLS integration between both products**, implemented on both sides (new endpoints in the engine, WebFlux client with certificates in the backoffice, version import and ZIP download). It allowed us to **fully decommission the version tracking table**: the installed version is no longer duplicated in the database and is now queried in real time.
- **Accessibility engine (WCAG 2.2 / WAI-ARIA)** in vanilla JavaScript: ARIA role objects, keyboard navigation patterns (grid, feed, combobox, datepicker), **SSML** speech output and focus management. I designed the **external screen reader control** mode via `postMessage` with cross-origin validation, now in production in multi-frame environments and submitted as evidence in a company innovation project.
- **Redesign of the deployment flow model** across the three repos: entity and migrations with preconditions, admin CRUD for environments including certificate and private key management, an interactive flow diagram, and inheritance with **auto-fork** of the standard flow when it is customised.
- **Engineering quality and industrialisation:** migration to Nuxt 4 / Node 24 / pnpm 10 and a reduction from **386 to 0 ESLint errors** with a gate wired into the Maven build; test coverage **from zero to the 80 % gate** — ~190 unit tests, 77 component tests and new **Playwright E2E** suites, stabilised in CI.
- **Backend migrated to hexagonal architecture** (six Maven modules) with rules enforced by **ArchUnit**, and a **normalised OpenAPI contract**: naming, **4xx/401** responses added to the 14 operations that lacked them, adoption of 3.1 and removal of the manual overrides that front and back had been dragging along.
- **Statistics module from zero to production:** Chart.js charts, scheduled reports and PDF export, with a **Matomo** integration unblocked after previous attempts by the team.
- **Internal applications for other departments** (marketing, administration): bespoke tools integrated with **Odoo**, the **Gmail API** and **LLMs** to automate previously manual work, from design through to deployment.
- **Process and team: mentoring a junior colleague** who joined the development team from another department — onboarding in Java/Spring and Vue, code review and support through their first deliveries. Adoption of **OpenSpec** as living product documentation across the three repos, and AI-assisted development with **Claude Code** plus Jira and DBeaver MCPs.

Java 17

Spring Boot

Vue 3 / Nuxt 4

OpenAPI 3.1

Hexagonal

JPA · Liquibase

WebFlux · mTLS

PostgreSQL

TypeScript · Vuetify

Vitest · Playwright

JUnit · ArchUnit

Maven · Docker

Odoo · LLMs

The Bridge · Tech bootcamp

Jan 2025 – Mar 2025

Teacher Assistant · Valencia

- Technical mentoring in a fullstack bootcamp aimed at **people with disabilities (ONCE)**, teaching HTML, CSS, JavaScript and React with Hooks from scratch.
- Troubleshooting support and project reviews, adapting explanations to very different learning paces and accessibility needs.

React React Hooks JavaScript HTML CSS Node.js

Crocantickets · Ticketing SaaS

May 2023 – Sep 2024

Fullstack Developer

- Fullstack development on a ticket-selling SaaS platform, in a team following **Agile** methodology: new frontend and backend features, interface modernisation and performance optimisation.

Java Spring Boot Ruby on Rails JavaScript HTML CSS

PERSONAL PROJECT

Booqo · booqo.es

Feb 2026 – Present

Founder & Sole Developer

- Multi-tenant** management SaaS for clinics and wellness centres: scheduling, client records, services, prepaid packs, invoicing, stock and analytics. Monorepo with API, web dashboard and embeddable booking widget; live in production.
- Spring Boot 4 / Java 17** backend organised by feature, with **multi-tenant isolation** enforced in the service layer, typed exceptions and a versioned schema managed with **Flyway** on MySQL.
 - Security**: JWT with short-lived access tokens and **rotating refresh tokens with reuse detection**, login rate limiting (Bucket4j) and single-use token password recovery.
 - Standalone **Angular 20** frontend with **Signals**, lazy routes, a functional interceptor that refreshes the token on a **401**, and **Tailwind CSS** as the single source of truth for the design system.
 - Embeddable booking widget** (~4.5 KB) that each centre pastes into its own site: the UI lives in an iframe on Booqo's domain, with no open CORS and no style leaks to or from the host page.
 - CI/CD and deployment**: GitHub Actions with build and tests as a quality gate, API on Railway (Docker) and dashboard on Vercel; transactional email via Resend.

Angular 20 Spring Boot 4 Tailwind CSS TypeScript · Signals Spring Security · JWT MySQL · Flyway Docker
GitHub Actions Railway · Vercel

TECH STACK

Backend	Java 17	Spring Boot	Spring Security	JPA · Hibernate	WebFlux	Liquibase · Flyway	Node.js
Frontend	Vue 3	Nuxt 4	Pinia · Vuetify	Angular	React	TypeScript	Tailwind CSS
API & data	OpenAPI 3.1	Redocly · Swagger	REST · mTLS	PostgreSQL	MySQL	MongoDB	
Testing	JUnit 5 · Mockito	ArchUnit	Vitest	Playwright	Cypress	Jest	
DevOps	Docker	Kubernetes	Maven · pnpm	Jenkins	GitHub Actions	GitLab CI	AWS
Accessibility	WCAG 2.2	WAI-ARIA	RD 1112/2018	European Accessibility Act	SSML		
AI & process	Claude Code	MCPs	LLM APIs	Spec-driven · OpenSpec	Agile / Scrum	Hexagonal	

EDUCATION & TRAINING

BSc in Software Engineering	2021 – Present
UOC · ≈ 60 % of credits completed	
Higher Diploma in Web Application Development (DAW)	2024 – 2026
IES Camp de Morvedre · Completed	

LANGUAGES & CERTIFICATIONS

Spanish / Valencian	Native
English	B2 Upper Intermediate
Certifications	Udemy
Angular Modern JavaScript Ruby on Rails	