

PABLO TORRES JIMÉNEZ

Junior Full-Stack Developer · Java · Spring Boot · Angular · TypeScript

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PROFILE

Junior full-stack developer with a Level 6 qualification in Multiplatform Application Development (recognised by NARIC Ireland) and a portfolio of applications built end to end in Java, Spring Boot and Angular. Experienced in designing layered REST APIs, modelling relational data with JPA/Hibernate and consuming those APIs from modern TypeScript frontends — including an AI-powered application live in production, secured with JWT authentication, containerised with Docker and shipped through an automated test and CI/CD pipeline. Enrolled on a fully online BSc in Software Development and Testing (UOC / UNED / Open Universiteit, taught in English) starting September 2026, studied alongside full-time work. Backed by eight months in professional IT support, so already comfortable with ticketing, troubleshooting and communicating technical issues to non-technical users. EU citizen, available immediately and open to relocating anywhere in Ireland — remote, hybrid or on-site.

TECHNICAL SKILLS

Backend Java 21 · Spring Boot · Spring Security (JWT, BCrypt) · Spring Data JPA / Hibernate · REST API design · C# · PHP

Frontend Angular 19 (standalone components) · Angular SSR · TypeScript · RxJS · JavaScript (ES6+) · HTML5 · CSS3 · Mobile-first responsive UI

Databases SQL · PostgreSQL · MySQL · H2 · Firebase Firestore · Relational & NoSQL data modelling

Cloud & DevOps Docker (multi-stage builds) · Git · GitHub · GitHub Actions (CI/CD) · Render · Firebase (Auth, Firestore, Cloud Functions, Hosting) · AWS fundamentals (CLF-C02 in progress)

Testing JUnit 5 · Mockito · AssertJ · Spring Boot Test (@WebMvcTest, spring-security-test) · Postman

AI Integration Google Gemini API — schema-constrained structured output, provider-agnostic service abstraction, response caching for cost control

Tools & Practices Maven · IntelliJ IDEA · VS Code · Jira · Agile / Scrum · Git branching & pull-request workflow · OOP · Layered architecture · Clean Code

Mobile Android SDK · Native Android apps with REST API integration

SOFTWARE PROJECTS

FridgeMate — AI-Powered Kitchen Inventory Web Application | Java 21 · Spring Boot 4 · Angular 19 · PostgreSQL · Docker · Google Gemini API | 2025 – 2026

Live in production at fridgemate-mal2.onrender.com · Source: github.com/pablotorres-dev/FridgeMate · One-click demo account, no sign-up required

- Built end to end a multi-user application that tracks kitchen stock across storage locations, warns about items expiring within three days, and derives a shopping list from per-product stock targets — layered Spring Boot REST API (entity → repository → service → controller) with an Angular 19 standalone-component frontend.
- Secured the API with Spring Security and JWT held in an HttpOnly, SameSite cookie rather than localStorage, closing the XSS token-theft vector while covering CSRF; chose stateless sessions so logins survive the restarts of a free-tier host that sleeps after inactivity.
- Enforced per-user data isolation at repository level with owner-scoped queries — ownership always taken from the session, never the request body — returning 404 on cross-account access so record IDs cannot be enumerated.
- Integrated Google Gemini behind a NutritionAnalyzer interface with a schema-constrained response, so structured JSON maps straight onto Java objects instead of being parsed from free text; results are cached against an inventory fingerprint to control API cost, and the feature degrades cleanly when no key is configured.
- Packaged the Angular build inside the Spring Boot JAR as a single deployable artifact served from one origin, eliminating CORS and mixed-content problems and providing the HTTPS context browsers require for camera access — enabling barcode scanning via the native BarcodeDetector API with a ZXing fallback and Open Food Facts product lookup.
- Cut the initial bundle by 55% (186 kB → 83 kB) through route-level lazy loading and deferring the 492 kB barcode decoder until the camera opens, with a size budget enforced in CI; rebuilt the mobile layout from measured DOM metrics, reducing sub-minimum touch targets from 47 to 1, and tuned JVM flags to fix a 107-second cold start.
- Wrote 36 focused tests (JUnit 5, Mockito, AssertJ) covering data isolation, real password hashing, shopping-list arithmetic and session-cookie security attributes, with controller tests exercising the real security filter chain; every push and pull request builds and tests through GitHub Actions, deploying continuously to Render from a multi-stage Docker image.

PabloHub — Personal Developer Portfolio | Angular 18 · Server-Side Rendering · TypeScript · Firebase Hosting | 2025 – Present

- Built from scratch as an Angular 18 SSR application, working through server-side rendering patterns (hydration, platform-dependent browser APIs) to improve first-load performance and SEO.
- Implemented a custom dark editorial design system with bespoke typography and scroll-reveal animations — no UI framework or template.
- Deployed and maintained live on Firebase Hosting at pablo-torres-hub.web.app.

Task & Service Management Platform | Angular · TypeScript · Firebase Auth · Firestore · Cloud Functions | 2025

- Built a multi-page task management web application in Angular, with secure authentication through Firebase Auth and route guards ensuring each user only reaches their own workspace; structured into separate routed views per task category, sharing reusable components and services so new task types can be added without duplicating logic.
- Implemented an interactive calendar view plotting tasks and service renewal dates across the month, plus an automated email alert system using scheduled Cloud Functions to query Firestore daily and warn of upcoming expiry dates — eliminating manual tracking of renewals.
- Modelled the data in Firestore with real-time listeners, so an update made in one view propagates instantly across the application without a page reload.

PROFESSIONAL EXPERIENCE

Night Porter / Operations Assistant | Riverbank House Hotel — Wexford, Ireland | **May 2026 – Present**

- Run unsupervised overnight shifts (23:00–07:00) with full responsibility for site operations, incident handling and shift handover reporting.
- Self-funding a career transition into software development, studying and building portfolio projects around a full-time shift pattern.

Hospitality & Facilities Roles | Tracy's Hotel (Enniscorthy) · Advance Cleaners Irl Ltd — Ireland | **Feb 2026 – May 2026**

IT Support Technician | ITSsystems — Cádiz & Seville, Spain | **Mar 2025 – Oct 2025**

- Delivered first- and second-line technical support, diagnosing and resolving hardware, software and connectivity issues for business end users.
- Installed, configured and maintained Windows workstations, peripherals and Microsoft 365 environments across client sites.
- Troubleshoot Outlook, Excel and line-of-business applications, prioritising by impact to minimise operational downtime.
- Supported network troubleshooting, software rollouts and system configuration, documenting resolutions for reuse by the team.

Security Officer | Various venues — Cádiz & Seville, Spain | **Aug 2022 – Dec 2025**

- Access control and crowd coordination at high-capacity events; clear communication and decision-making under pressure.

Telemarketing Agent | MasSol Energía — Spain | **Jul 2024 – Sep 2024**

- Managed customer records in CRM systems with a high accuracy standard; ranked top performer within the assigned team.

EDUCATION & CERTIFICATIONS

BSc in Software Development and Testing (in progress) | Universitat Oberta de Catalunya, with UNED & Open Universiteit (OpenEU alliance) — 100% online, taught in English | **Sep 2026 – Present**

180-ECTS first-cycle bachelor's degree (EQF Level 6) in software development and testing, studied part-time alongside full-time work; 36 ECTS recognised from prior study.

- Core areas: algorithms and data structures, software engineering, software testing and quality, computer architecture, operating systems, computer networks, database systems and project management.
- First semester: Fundamentals of Computers · Mathematical Foundations I · Data Structures Design.

Higher Technician — Multiplatform Application Development (DAM) | IES Almunia, Spain | **2023 – 2025**

Two-year, 2,000-hour vocational degree in software development. Recognised by NARIC Ireland as equivalent to an NFQ Level 6 qualification.

- Programming & Data Access — object-oriented programming in Java, design patterns, JDBC, ORM persistence with Hibernate/JPA, XML/JSON handling. · Database Systems — relational modelling and normalisation, SQL, stored procedures, triggers, transactions, NoSQL fundamentals.
- Services & Process Programming — multithreading and concurrency, inter-process communication, socket-based network services, cryptography. · Interface Development — desktop and web UIs, usability, event-driven programming, packaging and deployment.
- Mobile & Multimedia — native Android development, device sensors and storage, consumption of external REST APIs. · Development Environments — UML modelling, unit testing, debugging, refactoring, Git, technical documentation, operating systems, networking, virtualisation.
- Work placement — 370-hour supervised industry placement, completed at ITSsystems (see Professional Experience).

Technological Baccalaureate | IES Almunia, Spain | **2020 – 2022**

Recognised as equivalent to the Irish Leaving Certificate. Scientific-technical stream: mathematics, physics, technical drawing and technology.

Certifications Agile with Atlassian Jira (Coursera) — 2026 · AWS Certified Cloud Practitioner (CLF-C02) — in progress, 2026 · First Aid & AED Certified · Full EU Driving Licence (Category B)

LANGUAGES

Spanish — Native · English — B2 Upper-Intermediate, working proficiency · German — A2 Elementary

ADDITIONAL

- Spanish National Champion and World Vice-Champion in Grappling Gi.
- Recognised as a High-Performance Athlete by the Spanish Sports Council (Consejo Superior de Deportes).
- EU citizen resident in Ireland: no work permit or sponsorship required, available for an immediate start and willing to relocate anywhere in Ireland.