

Iván López Marchante

Backend Developer | AI Agents, Prompt Engineering & Java

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Professional Summary

Backend engineer delivering reliable microservices while driving practical AI adoption through prompts, reusable instructions, and skill-based agent workflows.

Experience

Backend Developer - BESTSELLER

Sep 2025 - Present | Malaga, Andalucia, Spain | Hybrid | Full-time

- Designed and applied AI agent workflows using structured prompts, reusable instructions, and skill-based execution patterns for backend delivery tasks.
- Improved engineering throughput by integrating Copilot and Codex into day-to-day development, code review preparation, and troubleshooting routines.
- Trained teammates from different teams on practical Copilot and Codex usage, including prompt quality, guardrails, and reusable working patterns.
- Promoted internal AI adoption with practical sessions and examples to help engineers use prompts, instructions, and skills consistently.
- Continued backend delivery in a microservices ecosystem, prioritizing API reliability, maintainability, and team engineering standards.

Backend Software Developer - TMC (Client: Inditex)

Jan 2024 - Sep 2025 | Spain | Full-time

- Implemented and maintained backend services for factory-management flows (orders, raw materials, and factory processes).
- Executed maintenance and modernization of legacy services, including dependency upgrades and production bug fixes.
- Improved delivery quality through unit, performance, and end-to-end testing in microservices environments.

Backend Software Developer - TMC (Client: DIA)

Mar 2023 - Dec 2023 | Remote | Full-time

- Built delivery-order endpoints and event-driven integrations for UberEats, Glovo, and JustEat.
- Migrated legacy delivery systems toward a unified order-management platform.
- Handled production incidents and traced distributed flows using observability tools and cloud data logs.

Backend Software Developer - TMC

Nov 2022 - Mar 2023 | Remote | Full-time

- Contributed to backend implementation and integration tasks in enterprise microservices projects.
- Collaborated with cross-functional teams under agile delivery practices.

Java Backend Developer - Metadata

Sep 2021 - Oct 2022 | Malaga, Spain | Full-time

- Developed a document-management microservice for labor-risk prevention in a SaaS platform.
- Implemented REST endpoints and service layers with focus on maintainability and testing.
- Participated in service design and delivery in a production business environment.

Skills

Languages: Java, Go, Python, TypeScript, JavaScript, C#, C++

Frameworks: Spring Boot, Quarkus, Hibernate, JUnit, Karate

Tools: Docker, Kafka, RabbitMQ, Git, Bitbucket, Jira, Confluence, GCP, Grafana, SonarLint

Methodologies: Scrum, SAFe, Kanban

Education, Languages & Certifications

Education: Bachelor's Degree in Software Engineering - University of Malaga (2021) | High School - I.E.S Guadalpin, Marbella (2017)

Languages: Spanish (Native) | English (Fluent) | German (Beginner)

Certifications: B2 First Certificate Cambridge - English (2017) | University extension course on Machine Learning and Visual Data Analysis (Dec 2024)