Alberto Pascual Corpas

Senior Backend Engineer · Distributed Systems, Cloud Architecture & Production AI/ML

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PROFILE

Backend engineer with **12+ years** building systems that hold up in production. Today I focus on **bringing AI into production**: LLM orchestration, agentic workflows and tool integrations, with the same evaluation, observability and failure-handling discipline that any critical platform demands.

My career has a common thread: getting to the next technology wave early and applying **distributed-systems** rigor to it. Founding engineer and later **Chief Product Officer** at a startup, backend lead when blockchain was still new in production, and years of architecture, cost control and capacity planning at scale. Comfortable across technology, product and business, and a mentor to fast-growing teams.

EXPERIENCE

Senior Software Engineer · Acai Travel AI/ML — Oct 2025 – Present · Barcelona

- Design and ship the AI infrastructure behind an agentic layer for post-booking travel operations: fare rules, flight disruptions (IRROPS), refunds, waivers and traveler communications.
- LLM orchestration, multi-step agentic workflows and integration of foundation models with external tools and APIs, with rigorous evaluation and observability.
- Products used by enterprise customers such as TravelPerk, Kiwi.com and Lufthansa City Center, replacing workflows that still run on large call centers.

Senior Backend Engineer · Wallapop — May 2025 – Aug 2025 · Barcelona

- SELVA team: modernization of business-critical backend services at one of Europe’s best-known marketplaces.
- Identified technical bottlenecks and proposed concrete architecture and process improvements to raise reliability; spread engineering best practices.

Senior Backend Engineer · SEAT:CODE — Dec 2021 – May 2025 · Barcelona

- OVS backend team: architecture definition, cost control, and capacity and performance planning.
- Introduced distributed caching and drove a migration to a more efficient service architecture.
- Improved developer experience and took an active part in backend technical chapters, supporting other teams.

Technical Lead · Chief Product Officer · INCOM — Mar 2022 – May 2024 · Barcelona

- Founding engineer working hand in hand with the board: defined, architected and built the platform and APIs from scratch.
- Integrated key payment gateways and owned backend and infrastructure as code, cutting costs without sacrificing performance.
- From Nov 2023, also Chief Product Officer: product vision, strategy and roadmap across business, technology and user experience.

Lead Backend Engineer · BLOOCK — Sep 2021 – Dec 2021 · Barcelona

- Led the backend of a fast-growing blockchain startup: integration and optimization of the existing API, taking the technology into production.
- Mentored a young, rapidly expanding team.

Senior Backend Software Engineer · DEXMA Energy Intelligence — Oct 2020 – Sep 2021 · Barcelona

- Platform team: stability and new features, IoT device integrations, and a high-throughput ingestion engine with real-time data-point calculations, reliable at scale.

Backend Software Engineer · VeryChic — Jan 2018 – Oct 2020 · Barcelona

- Sole backend engineer: API and data consolidation agents, a monolith built on SOLID principles and Hexagonal Architecture, AWS Lambdas for data collection, Spring batch processes and the cloud infrastructure.

Software Developer · Gfi España — Sep 2014 – Jan 2018 · Barcelona

- Consulting for multiple clients, growing from junior to increasingly complex responsibilities: API design and development, instrumentation tooling for Oracle, WebSphere and Tomcat, and a private architecture for one client.

SKILLS

AI / ML in production
LLM orchestration, agentic workflows, tool and API integration, evaluation, observability, MLOps

Backend & architecture
Distributed systems, microservices, event-driven systems, DDD, Clean and Hexagonal Architecture, SOLID

Languages
Go, Kotlin, Python, Java (Spring)

Cloud & operations
AWS, infrastructure as code, cost optimization, capacity and performance planning

EDUCATION

Universitat Oberta de Catalunya (UOC) — Online
Computer Engineering degree, studied online alongside full-time work.

Institut Obert de Catalunya (IOC) — 2013
Higher Technician in Multiplatform Application Development.

LANGUAGES

Spanish: native · Catalan: native
English: B2 (upper-intermediate), preparing for C1