Guido Pallas

Backend Software Engineer

Barcelona, Spain | Open to remote | EU citizen, eligible to work in Spain
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SUMMARY

Backend software engineer with 10 years of experience building services with Python/Django and Java/Spring Boot in banking, agribusiness and enterprise SaaS. I design solutions sized to what the product needs, without over-engineering and easy to change, and I work with product and business to understand the problem before writing code. Experience with monolithic, microservice and event-driven architectures, and with AI-assisted development using Claude Code.

SKILLS

Languages and frameworks: Python, Django, Java (8, 11), Spring Boot, Hibernate, Java EJB, Angular (4/5)

Databases: PostgreSQL, MongoDB (relational and non-relational databases)

Architecture and APIs: REST APIs, SOAP web services (Oracle SOA Suite, OSB), microservices, event-driven architecture, hexagonal architecture (ports and adapters), monolithic architectures, object-oriented programming

Messaging and async processing: Kafka, JMS, asynchronous processing

Cloud and observability: AWS (RDS, S3), ELK

Tools: GitHub, Claude Code (AI-assisted development)

EXPERIENCE

Software Engineer
InvGate | March 2022 - Present

- Work on InvGate Asset Management, an IT asset management SaaS product used by companies of all sizes.
- Focus on performance, scalability and asynchronous processing in a data-intensive environment with large volumes of interconnected asset data.
- Help keep the product reliable and efficient for enterprise customers managing complex IT infrastructures.
- Since 2026, build features with an AI-first workflow using Claude Code: planning, implementation and a full code review before opening the pull request for peer review.

Tech stack: Python 3, Django 5.2, PostgreSQL, Claude Code

Software Engineer
Santander Tecnología | February 2020 - March 2022

- Part of the team that launched DEBIN, a new payment method.
- Implemented critical components using a ports and adapters (hexagonal) architecture, improving maintainability.
- Integrated with third parties (clearing houses and payment processors) in a fault-tolerant system that must not process a payment more than once.
- Contributed to architecture and product decisions, and at times acted as the team's technical reference.
- Mentored a new team member during onboarding.

Tech stack: Java 11, Spring Boot, MongoDB, SOAP web services

Full Stack Developer
IT Resources (client: Monsanto/Bayer) | March 2018 - February 2020

- Owned services end to end in an event-driven microservice architecture: analysis, development, deployment on AWS, monitoring and production support.
- Kept data consistent across services that were part of a larger solution.
- Wrote extensive unit tests and worked on the front end with Angular.
- Resolved production incidents, using ELK for observability.

Tech stack: Java 8, Spring Boot, Hibernate, PostgreSQL, AWS, Angular 4/5, Kafka, ELK

Software Developer
Ayi & Asociados | August 2016 - March 2018

- Developed backend services in Java and Java EJB for an omnichannel (web and mobile) platform, applying REST principles.
- Got up to speed quickly with Java EJB for backend service development.

Tech stack: Java, Java EJB

EDUCATION

IT Engineering | UADE (Universidad Argentina de la Empresa) | December 2019

LANGUAGES

Spanish: Native | English: Advanced