

Borja Ruizdelgado

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Software engineer with 6+ years designing and scaling distributed backend systems serving millions of users. Currently at **Sky-scanner**, combining deep systems expertise with AI – building intelligent agents, production ML pipelines, and championing AI-assisted development across engineering teams.

Experience

Skyscanner

2023 – Present

Software Engineer II

- Leading company-wide initiatives across large-scale distributed backend systems serving millions of daily travelers
- Developing AI agents and production pipelines leveraging LLMs through **Amazon Bedrock** and **Portkey** for automated data quality review
- Building data workflows on **Databricks** for large-scale analytics and ML experimentation
- Championing AI-assisted development practices (Claude Code, Copilot) across engineering teams
- Designing and maintaining Dockerized applications deployed on AWS
- Implementing comprehensive observability through OpenTelemetry and New Relic

JAVA · PYTHON · AWS · AMAZON BEDROCK · PORTKEY · DATABRICKS · LLMs · AI AGENTS · DOCKER · ELASTICSEARCH · OPENTELEMETRY

ThoughtWorks

2021 – 2023

Consultant Software Engineer

- Delivered backend solutions for major European tech companies as a consultant
- Architected event-driven systems with Kafka for high-throughput data processing
- Built scalable microservices with Docker and Kubernetes
- Performed large-scale data analysis with Spark-Scala
- Bridged C# and C++ ecosystems using P/Invoke integration

JAVA · C# · SCALA · KAFKA · KUBERNETES · DOCKER · SPARK

GFI

2020

Junior Software Engineer

- Built enterprise applications across C#, Java, and Python
- Deployed SaaS solutions on Microsoft Azure
- Partnered directly with clients on requirements engineering and UAT
- Designed scalable architectures documented with UML

C# · JAVA · PYTHON · AZURE

InLabFIB

2019 – 2020

Software Research Engineer

- Researched automated database content generation using formal logic processing
- Built tooling to auto-generate data complying with schemas and constraints

C# · .NET CORE · ORACLE SQL

Skills

Backend & Systems

Java, Python, C#, Swift, C/C++, Scala, SQL

Cloud & DevOps

AWS, Docker, Kubernetes, Azure

AI & Automation

LLMs, AI Agents, Amazon Bedrock, Portkey, Databricks, ML Pipelines, Data Quality Automation, Claude Code

Data & Messaging

Kafka, Elasticsearch, Spark

Observability

OpenTelemetry, New Relic

Architecture

Microservices, Event-Driven, Distributed Systems

Education

BSc Informatics Engineering

UPC FIB – Barcelona, Spain

2015 – 2019

Software Engineering specialisation. Design, development, and management of computer systems.

Software Engineering Master's (1 year coursework)

Innopolis University – Russia

2020 – 2021

Distributed systems, formal methods, and software architecture.

Projects

PrivateIntelligence

2025

Native iOS app running LLMs entirely on-device – built from scratch in **one week** via AI-assisted development. Quantised models (1B-72B), Metal GPU, 9 AI personas, vision, encrypted backups.

Source on GitHub

Bullish Banter Society

2024 – pres.

Quantitative development – building algorithms, statistical models, and ML tools applied to financial markets.

X / Twitter · Medium

Languages

Spanish

Native

Catalan

Native

English

C2 Proficient