Borja **Ruizdelgado**

Profile

Seasoned backend developer with a strong foundation in developing high-throughput scalable systems. Proven track record in consulting and product development, with a recent interest on applying machine learning and statistical models to better understand financial markets. Currently leveraging my expertise in a product company to design, implement and maintain distributed systems.

Personal information

Citizenship: **Spanish**

Languages: **English** (Advanced), **Spanish** (Native), **Catalan** (Native)

Skills

- Python, Java, SQL
- AWS, Databricks, Docker
- Git, Agile, Scrum

Contact details

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Experience

Software Engineer II at *Skyscanner (Spain).*   2023.02–pres.

- Lead initiatives, design, create, and maintain large distributed backend applications to serve Skyscanner user base with geographical data.
- Deployment of Dockerized applications on AWS, ensuring high-throughput cloud operations.
- Use observability solutions using OpenTelemetry and New Relic to monitor and improve system performance.
- Worked with Java, Python, SQL (PostGIS), Databricks and ElasticSearch.

Consultant Developer at *ThoughtWorks (Spain).*   2021.02–2023.02

- Designed and delivered scalable backend software solutions for top European companies.
- Collaborated with cross-functional teams to understand business needs and translate them into technical requirements.
- Applied Agile methodologies to manage software development cycles.
- Worked with C, C++, Python, Java, Scala, C# and SQL.

Junior Software Engineer at *GFI (Spain).*   2020.01–2020.09

- Developed and maintained software applications using C#, Java, and Python.
- Deployed SaaS solutions in the Azure Cloud.
- Managed customer requirements and expectations.

Junior Research Engineer at *InLab (Spain).*   2019.06–2020.01

- Conducted research on database content generation using backtracking algorithms, textual restrictions, and formal logic processing.

Education

Bachelor of Computer Science. *Politechnical University of Catalonia*. 2015.09–2019.21

- Learned the necessary skills to design, develop, and manage computer systems and applications, with a focus on Software Engineering.

Master Course in Software Engineering. *Innopolis University*. 2020.06–2021.03

- Completed half of the coursework with a focus on advanced Software Engineering before returning home due to the COVID pandemic.

Personal Project

Bullish Banter Society   2024.01–pres

- I actively engage in quantitative finance through my project, *Bullish Banter Society*, which is dedicated to develop free financial tools and strategies. I design and implement algorithms and statistical models, such as ARIMA and LSTMs, to analyze and predict market trends, with the aim of making these techniques accessible to the general public.
- The project is available at https://bullishbanter.net and via the Bullish Banter Society X account. My learning journey and applied methodologies are shared on Medium.