Technical Experience Interview

Why this interview?

The Technical Experience interview lasts 60 minutes with one of our Principal Data Engineers

We evaluate your technical knowledge and how you respond to challenges on the spot.

What is the format

A technical conversation and deep dive on your experience – 60minutes

- Deep dive on one or two projects you have have worked on, the technologies you have worked on and people you have collaborated with
- General technical questions on data engineering tasks, software development best practices and distributed computing
- Q+A

What we assess

The Technical Experience interview will look at your current and previous work, deep diving into technologies used and different data engineering environment you have had exposure to. To give you an example, it will cover areas related to cloud and Big Data technologies, data integration and architecture and coding.

We will look at your ability to clearly communicate and explain technical topics to an audience. This interview is technical however good communication skills should still apply, as being able to present and explain complicated technical topics to technical and non-technical stakeholders is very important. We also assess the depth technical understanding of a problem and solution assessing a number of focus areas. You can use a whiteboard to explain your answers and the computer science concepts. For example, share an algorithm you feel comfortable with and explain it.

How to prepare?

Refresh your background

Get ready for your Technical Experience interview and start your preparation by refreshing your background and experience.

Think about what are the most relevant projects you have been working on, so that you can share them in the interview, being able to provide as much context as possible about the industry, approach, technologies that you used, challenges and outcome. It is very important your assessor gets full evidence on your role within each project, and how was the team collaboration.

Resource	Link
Computational efficiency	O-notation & dynamic programming
Algorithms	Sorting algorithms
Clean code	Clean Code
Distributed Computing with SQL	Distributed Computing with SQL
Spark online course	Distributed Computing with Spark SQL
SQL online course	Intro to SQL
Data Structures online course	Data Structures and Algorithms
Optimization	Getting the best performance with PySpark Optimize Apache Spark

Assessing your technical background

The second part of the interview will be general technical questions, here are some resources for your preparation!