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**What are the various database job roles and respective hiring requirements at your company?**

- Database Engineer

- Software Developer

- Dev Ops

- System Administrator

- Data Analyst

- Datawarehouse Architect

- Data Scientist

- Technical PM

- Manual Tester

-Software Engineer in Test

**Describe an entry level job and the hiring requirements at your company?**

Manual Tester - The person should be able to open database, query data and verify the data against expected outcome

**What is your job role?**

I am Software Developer. I have design and develop solutions to meet the given requirements. Here is my job description:- Use strong problem solving, development, and analysis capabilities in designing and developing solutions- Expertise in building data warehouses – full life cycle; hands-on experience with designing star schemas, building data marts, and analyzing data- Hands-on coding with SQL Server; experience with Power BI is a plus; experience with scripting languages like Python is a plus- Deliver intuitive user experiences through the entire lifecycle, including architecture, design, development, implementation, testing, and support.- Work in a cross-team collaborative environment

**What is your background?**

I am a MBA graduate, with 10+  years of Database experience.

**Describe the path that let you to this job role.**

I earned a degree in computer science.  After graduation I started working in the field as a software engineer.  I later earned a MBA to further my education.

**Give me an example of an interview question that you would ask an entry level applicant, and explain what you would look for in a response**

**Interview question:**

Product

|  |  |  |
| --- | --- | --- |
| ProductID | ProductName | Unit Price |
| 1 | A | $2.00 |
| 2 | B | $5.00 |
| 3 | C | $8.00 |
| 4 | D | $3.00 |

Sales

|  |  |  |  |
| --- | --- | --- | --- |
| InvoiceID | CustomerID | ProductID | Quantity |
| 100 | 85 | 2 | 4 |
| 200 | 25 | 4 | 1 |
| 200 | 25 | 1 | 1 |
| 300 | 42 | 5 | 3 |

Customer

|  |  |  |
| --- | --- | --- |
| CustomerID | Customer FirstName | Customer LastName |
| 25 | ABC | XYZ |
| 42 | EFG | STU |
| 85 | HIJ | PQR |

Given3 tables, write a query to display the data in the below format:

|  |  |  |
| --- | --- | --- |
| Last name, First name | Product Name | Sale Amount |
|  |  |  |
|  |  |  |

**What would I be looking for:**

- does the candidate know how to make sense of the data

- understand the relationships between the data

- how to join tables and retrieve the correct data

- how to manipulate the data to the expected format