



ROLE PROFILE

|                      |               |
|----------------------|---------------|
| <b>Job Title</b>     | Data Engineer |
| <b>Job Grade</b>     | ID2           |
| <b>Date Reviewed</b> |               |
| <b>Location</b>      |               |

**Position in the Organisation**

|                         |  |
|-------------------------|--|
| <b>Department</b>       |  |
| <b>1st Line Manager</b> |  |
| <b>2nd Line Manager</b> |  |
| <b>Direct Report(s)</b> |  |

**Overall purpose of the role**

The Data Engineer is responsible for developing modern Data Engineering solutions using the Microsoft Technology Stack (E.g. Azure Data Lake, Azure Data Factory, Azure Data bricks). This will include the transformation of our existing data platform to a modern design.

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## Accountabilities & Deliverables

- As a Data Engineer, you will be involved in the design and developing of various Data Engineering solutions. This will include the build of reports on company data and the automated delivery to various stakeholders.
- You will be responsible for developing modern Data Engineering solutions using the Microsoft Technology Stack (E.g. Azure Data Lake, Azure Data Factory, Azure Data bricks). This will include the Data Warehousing, Extract Transform Load (ETL), Reporting, Big Data, Analytics, Master Data Management, and Data Science.
- Design, code, and test of SQL scripts to report and aggregate the results to create useful information.
- Provide support in Platform/Data migrations & Data Integration.

## Skills, Knowledge & Experience

### Essential

#### Education/Qualifications

- Degree in computer science, information technology, engineering, or related field

#### Technical Skill Requirements

- 4+ years of experience as a Data Engineer, BI Developer or in Business Intelligence.
- 4+ years of experience in database design or integration experience with Relational Databases.
- Experience working on Microsoft Azure cloud services.
- Hands-on experience on data engineering on Microsoft Azure platform
- Hands-on experience with Microsoft Azure Stack including Azure Data Lake, Azure Data Factory, Azure Data bricks, Notebooks, Analytics / OLAP Cube Development (Microsoft AAS and MDX), Log Analytics, DevOps, [Python](#), Pyspark Sql , Spark Sql, and Data Modelling.
- Knowledge of Relational Database and SQL Language.
- Good knowledge of Microsoft Excel.
- Extraction, Transformation and Loading (ETL) using Microsoft SSIS, Data Warehouse / Solution Design.
- Report Development using Microsoft SSRS, QlikView, Power BI, and Tableau.
- Experience with Azure to design, support, and management of the environment.
- Development of written documentation such as user manuals, specification documents, and high-level diagrams.

### Desirable

- Good understanding of Web Services, REST/SOAP API & other connectors like

Amazon Connect S3 Bucket.

- Experience in Azure services like AAS Cubes, Azure Site Recovery, Network Watcher.
- Application Insights Knowledge of enterprise design patterns and cloud design patterns.
- Knowledge on Cloud fundamentals.
- Experience working on Continuous Integration/Continuous Deliver using tools like Jenkins, and GitHub.
- Design and implement system architecture with Azure cloud - Develop automation scripts, ARM templates, Chef, Terraform, Python, and PowerShell.

#### Behavioral Requirements

- Good verbal and written communicator with good attention to detail.
- Good understanding of data manipulation, aggregation, and presentation techniques.
- Strong team player, with the ability to contribute and challenge yourself and the team.
- Knowledge of project management methodologies (Agile) and best practices



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## VALUES

To truly embrace, live and demonstrate the Webhelp Values:

- **Recognition** - Acknowledgement of individual contribution is essential to ensure our collective success.
- **Integrity** - We work with a positive attitude leading by example; we treat others the way we expect to be treated.
- **Unity** - Working as part of a team towards a common success takes precedence over personal interest.
- **Commitment** - We honour the promises made to colleagues and customers.
- **Wow** - By trying to go beyond their expectations, we continually seek to amaze the people we work with!

“This role profile is not exhaustive you may be required to perform other additional duties as and when required”

**Interested candidates please share your CV to [salmaan.shaikh@za.webhelp.com](mailto:salmaan.shaikh@za.webhelp.com)**



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|-------------------|---------|----|-------------------|------------|------------|
| Blank RP Template | HRRP157 | V1 | Official use only | 29/06/2020 | 29/06/2020 |
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