



Job Posting #:	07BT11142022	Posting Type:	Exempt - Pay Commensurate with Experience
Job Title:	Data Engineer	Location:	Remote (Fredericksburg, VA)

JOB DESCRIPTION

POSITION PROFILE

The Data Engineer will build the infrastructure required for optimal extraction, transformation, and loading (ETL) of data from a wide variety of sources into a centralized data repository. Providing usable data for analysis and make data accessible to optimize business performance. This opportunity is a part of the wholly owned subsidiary of Rappahannock Electric Cooperative (REC), BrilliT.

ROLE AND RESPONSIBILITIES

- Verify data quality to ensure accurate analysis and reporting
- Update and maintain software applications required for successful data integration from on premise to cloud: including PowerBI data gateway and integration runtime
- Design, implement and manage relational databases
- Participate on project and new initiative teams.
- Ensure operational integrity and accuracy of business analytics solutions
- Other duties as assigned.

QUALIFICATIONS AND EDUCATION REQUIREMENTS

Four-year college degree or equivalent is required, preferably in Analytic/IT disciplines (Computer science, information systems/technology, engineering, mathematics, or data analytics). Master’s Degree preferred. Additional training or certifications in data analytics, big data architecture, cloud technologies, Microsoft Azure cloud platform, or fundamentals of electric distribution utilities is desired. Must have five (5) years of related experience.

Knowledge and experience working with:

- Microsoft Platforms, including but not limited to a focus on: O365, Power Platform – Power Apps, Power Automate,
- Microsoft AZURE including, but not limited to a focus on: Data Factory, Integration Runtime, Azure SQL, Data Lake Storage, Synapse, Databricks, Terraform Infrastructure as Code, CLI.
- Microsoft on premise Database technology stack, including but not limited to SQL Server, SSIS, SSRS, and SSAS.
- SQL, T-SQL, PL/SQL, relational databases, query design and authoring, working familiarity with various databases, extending to NoSQL and unstructured databases.
- Knowledge and experience using one or more of the following desired (PowerShell, Python, R, C#, Java).
- Experience as a developer and/or DBA with Oracle is a plus.
- Knowledge of data modeling for Power BI visualization desired.

Must exercise sound judgement while accomplishing assignments relevant to business, technical, planning, resource utilization, and interpersonal activities and tasks. All within a consistent framework of acting with integrity, helping others succeed, and providing added value and benefit to clients and customers.

Must be a self-starter, with a demonstrated ability of quickly evaluating, selecting, transitioning to and learning new IT technologies, paradigms, and associated tools.

Must be highly capable of:

1. Building the infrastructure required for optimal extraction, transformation, and loading (ETL) of data from a wide variety of sources into a centralized data repository. Providing usable data for analysis and make data accessible to optimize business performance.
2. Maintain data pipeline architecture and databases, hosted in a variety of cloud and on-premise environments
3. Produce/deploy final application for end user based on requirements and coordination with data analysts.
4. Perform root cause analysis on internal and external data and processes to answer specific business questions and identify opportunities for improvement.



5. Must be able to quickly establish a substantial knowledge base of business operations, decision and intelligence systems concepts, and database structures. Must be able to communicate clearly with employees and business contacts.
6. Translate business requirements into data requirements necessary for Analytic solutions.
7. Perform other duties as assigned.

The work will be performed 100% remotely with limited IN-PERSON activities as may be required. The candidate must have sufficient at-home ISP (Fios, Cox, etc.) broadband infrastructure to support remote work. Specifically, a minimum broadband connection at speeds no less than 20 Mb. Will require periodic travel throughout REC's operational territory. Occasional travel for seminars and training will be required with the possibility of overnight travel.

HOW TO APPLY:

Internal Applicants: Interested parties should submit a resume/cover letter to rechr@myrec.coop.

External Applicants: Use our <https://www.myrec.coop/careers> to apply for the opportunity. Please indicate the Job Posting ID #07BT11142022

Deadline: Thursday, December 15th at 5:00 PM EST

*The above statements are intended to describe the general nature and level of work being performed by people assigned to this classification. They are not intended to be construed as a complete list of all responsibilities, duties, and skills required of personnel so classified. BrilliT is an equal opportunity provider and employer.