GE Job Number: 2513851

Title: Sr. Turbine Performance Analyst - Onshore Wind

Business: GE Renewable Energy

Location: Schenectady, NY

Role Summary: The Sr. Turbine Performance Analyst - Onshore Wind will be responsible for the analysis, management, and reporting of data generated by GE’s global fleet of wind turbines within the Fleet Reliability Organization (FRO). You will develop and compute critical wind turbine performance metrics that drive action across all organizations in the business.

Essential Responsibilities: As the Sr. Turbine Performance Analyst - Onshore Wind, you will work closely with IT teams to ensure high quality data is available in the Global Repository (i.e. central data warehouse). You will build tooling to rapidly make important information available to both internal and external customers.

In addition, you will:

- Develop SQL queries against a Greenplum (PostgresQL) data warehouse
- Rapidly deliver customized data sets and analysis to support FRO teams in resolving high visibility issues
- Compute fleet metrics including availability, fault rate, and production ratio
- Build tools and utilities to automate workflows, reporting tasks, and batch process data
- Administer local database and application server instances that host team utility apps
- Build, publish, and maintain dynamic BI (Business Intelligence) dashboards in Tableau
- Build, publish, and maintain static reports in BIRT / Java applications
- Support team members responsible for fulfilling monthly contractual reporting to external customers
- Guide infrastructure and database improvement development as a representative of FRO
- Coach and guide team members
Desired Characteristics:

- Strong knowledge of SQL and retrieving data from relational database systems
- Previous experience working with large data sets using big data technologies including Greenplum or other MPP database systems
- Previous experience with advanced SQL programming including DML and DDL
- Familiarity with scripting / programming in Java, Python, Matlab, R, and / or VBA
- Familiarity Business Intelligence platforms including Tableau and BIRT
- Ability to work effectively in a matrix environment
- Superior analytical skills, with strong desire to improve processes and performance
- Ability to work effectively within all levels of the organization and customers
- Strong presentation skills
- Effectively drive change in the organization
- Previous experience with leading cross functional projects
- Experience with direct customer contact
- Distinctive ability to analyze technical processes
- Strong communication and project leadership skills with ability to clearly communicate issues and resolution to both a technical and non-technical audience
- Strong customer service focus and desire for continual improvement
- Ability to take decisions and to adopt responsibility
- Strong quality awareness and ability to identify future failures, defects and problems
- Experience to working with multicultural teams
- Strong team player with structured work methods and analytical skills
- High flexibility and motivation to succeed
- Previous experience leading cross functional projects

Qualifications:

- PhD or Post Doctorate in Computer Engineering, Information Technology, Electrical Engineering or Computer Science from an accredited college or university
- Minimum of 5 years of experience working with analytics, data science, or programming