

Business Intelligence Specialist Lead

SUMMARY

A Lead Business Intelligence (BI) Specialist is a key leader for the Enterprise Data Analytics (EDA) section of the Department of Human Services (DHS), Information Technology (IT) section. Reporting to the IT Director EDA, s/he is the technical lead for design, development, and maintenance of all DHS BI application development. S/he helps set process and configuration policies and standards, enforces those policies and standards, and ensures BI system availability. S/he will also lead the effort to resolve issues as rapidly as possible. S/he will work with the IT Director EDA and make suggestions on how to overcome challenges in order to meet project delivery deadlines. S/he will also be the technical lead on Online Analytical Processing (OLAP) database design.

Since most existing BI data originates from legacy mainframe systems and the BI team supports mainframe COBOL applications, the Lead BI Specialist must have a background in IMS/COBOL, be able to analyze and step through COBOL code, and make informed decisions about COBOL application design. In addition, s/he is primarily responsible for leading development in one of two areas of the EDA section, Data Extract, Transform, Load (ETL) or Analytical Reporting.

OVERVIEW OF ETL LEAD ROLE

The Lead BI Specialist ETL is the technical lead for design, development, and maintenance of all DHS BI data processing from extracting source data to loading it into the enterprise data warehouse using SSIS and DM Express. S/he must also have a working knowledge of pivot and power pivot reports, reporting services reports, and dashboards using key performance indicators (KPIs).

OVERVIEW OF ANALYTICAL REPORTING ROLE

The Lead BI Specialist Analytical Reporting is the technical lead for the design and construction of pivot and power pivot reports, reporting services reports, and dashboards with KPIs. S/he also leads the design and construction of dimensional data cubes and tabular models. S/he must have a working knowledge of Data Extract, Transformation, and Load processes using SSIS.

PRINCIPAL DUTIES AND RESPONSIBILITIES

- Primary technical resource for all DHS Business Intelligence ETL and/or Reporting Applications.
- Provide leadership for the daily operation of multiple applications, including defining BI application policies and standards.
- Provide leadership in data structure design of new and modified OLAP databases.
- Work with IT Director EDA and provide leadership to ensure assigned team members successfully achieve the Department's goals and objectives.
- Identify issues and opportunities, analyze problems and alternatives, and develop sound conclusions and recommendations.
- Advise IT Director EDA of potential risks to DHS BI Reporting applications and project deliveries and recommend solutions.
- Understand the scope of assigned projects and tasks; organize and assist other developers with their assigned tasks.

EDUCATION / EXPERIENCE

Graduation from an accredited college or university with a bachelor's degree and four (4) years of professional level experience in business intelligence technology.

Four (4) years of experience developing on a Business Intelligence platform.

At least three (3) years of design and development experience on the Microsoft BI platform.

Strong development skills in Microsoft's SSRS and SSAS tools and proficient in Microsoft's SSIS ETL tool.

The following are desired qualifications.

- Master's Degree in computer science or related field.
- Certification for at least one (1) BI platform
- Experience in Public Sector.
- Experience with mainframe applications, including the ability to step through and understand COBOL source code.

SKILLS

This position requires:

- Dedication and commitment to customer service focused delivery of solutions;
- Demonstrated evidence of experience with success as a Business Intelligence application developer;
- Strong understanding of relational database concepts;
- Strong OLAP data modeling skills;
- Superior analytical problem solving ability for dealing with escalated issues;
- Technical integrity earned through demonstrated success in implementation of complex IT solutions;
- Demonstrated flexibility, resilience, and resourcefulness;
- Ability to identify current or future problems or opportunities, analyze, synthesize, and compare information to understand issues and cause/effect relationships, and explores alternative solutions to support sound decision making;
- Working knowledge of Team Foundation Server; and
- Working knowledge of using SharePoint as the BI user interface.

COMPENSATION INFORMATION

Commensurate with qualifications.

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