



## Business System and BI Developer

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Reports To: Enterprise Solutions Architect

Department: IT

Classification: Exempt

Last Updated: 3/25/20

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### Job Summary:

Responsible for creating effective technical solutions through the design, development, testing, and implementation of various technologies. The primary function of this role is to support, maintain and enhance corporate business systems (ERP, CRM, Marketing Automation, etc.) and reporting. This role will require a strong SQL and database knowledge to be responsible for standardized and ad hoc reporting, data analysis, technical issue resolution, data warehouse development, data manipulation and normalization, ETL package creation, integration and synching of systems, EDI, and overall business system development, administration, and maintenance.

This role will have additional responsibilities for end user support and training on corporate business systems, IT service requests, and desktop support.

### Essential Functions:

- Enhance business systems through customization and automation.
- Office 365 application development, with specific expertise in Excel and Power BI.
- Apply in-depth knowledge of Microsoft SQL 2014+ through coding, queries, troubleshooting, performance tuning, views and indexing techniques.
- Retrieve data from DB platforms, web service API, flat files, and ODBC connections.
- Business KPI development, monitoring and reporting
- Design and deploy data table structures, advanced processing (data deduplication and synchronization between differential environments), queries, and SSRS reports.
- Design, develop, test, and deploy SSIS packages.
- Data Modeling - understanding of normalization, transactional vs. report driven design, data warehousing concepts and ETL. SSAS cube/tabular model including DAX queries.
- Support EDI by working with customers, vendors, and EDI service provider.
- Create solutions that provide network and system monitoring and alerts.
- Develop solutions to automate data gathering, analysis, processing, and reporting.
- Take lead technical role working with 3<sup>rd</sup> party vendors and providers.
- Administration and maintenance of cloud based corporate business systems software.
- End user support and training for corporate business systems and IT desktop support.
- Create and maintain technical and end user documentation.

### Job Qualifications:

- Bachelor's Degree in Computer Science or related field is required (or 7+ years combination of education and hands-on experience).
- Microsoft SQL Server experience required.
  - Programming objects, including stored procedures, user defined functions, and common table expressions
  - Performance tuning and optimization, native monitoring and troubleshooting tools
  - Database security administration
  - Automate monitoring of server and job processes
- System administration, support and programming experience with exposure to Infor Syteline ERP and Sales Force Marketing Cloud strongly desired.
- Experience with at least one of the .NET languages (e.g. C#, Visual Basic .NET).
- Familiarity with architecture styles/APIs (REST, RPC).
- Proven ability to write complex code including the planning of work from initiation through implementation.
- Background in data warehouse design (e.g. dimensional modeling), data mining, database management systems, online analytical processing (OLAP) and ETL from different source systems like Flat Files, Excel, and RDBMS.
- Strong knowledge of BI technologies (e.g. Microsoft Power BI) visualize and develop BI solutions (Dashboards, Scorecards, Analytic reports) and data modeling.
- Performance tuning of SQL including query performance analysis and other tuning techniques.
- Knowledge of SQL queries, SQL Server Reporting Services (SSRS) and SQL Server Integration Services (SSIS).
- Experience with additional programming languages desired.
- Strong oral and written communication skills and ability to effectively communicate with individuals with technical and non-technical skills sets (i.e. Developers, Project Managers, end users, and external customers).
- Proven abilities to take initiative and be innovative.
- Analytical mind with a problem-solving aptitude.