



U. S. Electronics, Inc.

Data Engineer

Job Description:

The Data Engineer will lead the data, analytics, digitalization and technology product portfolio. This position will use their analytical, programming and technical capabilities to deliver mature data products and collaborate with subject matter experts and Global IT to build technology to support this. Emerging data and technology trends are an important aspect of this role through experiments using pilots and prototypes followed by wider deployment where successful. This position is a key partner to enable teams extract meaningful insights from data to better enable our Business Group and Functional partners to make risk decisions.

The focus of this role is on both tactical and strategic solutions required for the strategy. A key component of this position is the end to end data management, business intelligence processes and reporting capabilities surrounding the technology as well as the integration and alignment of technology solutions with internal technology and processes.

Location: Minneapolis, Minnesota
Job type: Full time
Salary: \$70,000 – 85,000 per year
Work Hours: 8am to 5pm

Minimum Education Requirement: Bachelor's degree in computer science, computer information systems, information technology, relevant engineering, or a related degree, or a combination of education and experience equating to the U.S. equivalent of a bachelor's degree in one of the above-mentioned subjects.

Responsibilities:

- Provide end-to-end reporting and analytics solutions with supporting data architecture for our client customers.
- Deliver data solutions and services that support our internal, proprietary loyalty and campaign platform (CRM), marketing databases, data migrations and reporting/analytics projects for multiple internal (product) and external clients.
- Be responsible for code and various data management activities that meet project and organizational requirements through collaboration with cross-functional teams (application developers, data and solution architects, infrastructure engineers, project managers, business analysts, QA, technical directors and account managers)
- Perform all phases of data engineering including requirements analysis, application design, code development and testing.
- Work with large, enterprise-class SQL Server databases
- Work with SQL Server as well as newer data technologies like Elasticsearch and the Hadoop ecosystem
- Collaborate on performance tuning of business-critical code



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- Join a team that implements software engineering best practices
- Estimate engineering work effort and effectively identify and prioritize the high impact tasks.
- Troubleshoot production support issues and identify solutions as required to back up the team on Operational DBA activities.
- Use previous experience to maintain the current loyalty and marketing databases.
- Ensure queries are efficient and optimized for best performance.
- Ensure that schema modifications are modeled appropriately
- Work with QA and development peers to review and test code changes in lower environments.
- Understand, manage and troubleshoot SQL server agent jobs and monitoring software while contributing scripts to improve predictability of database system health.

Requirements:

- Knowledge of Software Design Implementation services to create data structures.
- Experience with SQL Server development (T-SQL) versions 2012+ in medium-large database implementations.
- Strong knowledge of SQL Server Integration Services (SSIS) and SQL Server Reporting Services (SSRS)
- Proficient and adept communicating with client customers in varied situations.
- Demonstrated success applying data management and engineering best practices.
- Strong commitment toward preservation of data quality and integrity
- Strong competency writing SQL queries and with relational database modeling and design.
- A solid grasp of the Git version control system.
- Ability to provide general production database and server administration and support
- Interest/Experience in expanding beyond SQL server to newer data technologies like Elasticsearch or the Hadoop ecosystem and components.

USEI is an equal opportunity employer that values diversity at all levels. (EOE – Minorities/Females/ Protected Veterans Status/Disability Status/Sexual Orientation/Gender Identity).

Working at USEI

Working at USEI means applying a passion for meaningful work with intellectual rigor to help solve the leading issues of our day. Smart, compassionate, innovative, committed, USEI employees tackle unprecedented challenges to benefit people, businesses, and governments around the globe. We believe in collaboration, mutual respect, open communication, and opportunity for growth. If you're seeking to make a difference in the world, visit www.usei.com/careers to find your next career. USEI-together for tomorrow.