Pyrotek.

SR. DEVELOPER – BI & DATABASE

DIVISION:		**JOB CODE:**	2350
LOCATION:	Corporate	**JOB FUNCTION**:	IT & Systems
DEPARTMENT:	Information Systems	**FLSA STATUS**:	Exempt
REPORTS TO:	App Development and Delivery Manager	**EFFECTIVE DATE**:	06/13/25

JOB SUMMARY

Develop and manage data solutions that support advanced analytics, reporting, and business intelligence. Partner with functional leaders to develop scalable data models and pipelines that drive strategic decision-making and enhance operational efficiency.

QUALIFICATIONS

Education/Experience

Bachelor's degree in Information Technology, Computer Science, or related field, plus a minimum of five (5) years of experience in data architecture, data engineering or analytics development; or equivalent combination of education and experience. Master's degree in Data Science or related field, preferred.

Experience with industrial data analytics and database technologies, preferably SQL, NoSQL, ETL/ELT processes, and data warehousing (Fabric, Azure Synapse or AWS Redshift) in a manufacturing environment, a plus.

Knowledge/Skills/Abilities

Business Intelligence and Analytics. Strong understanding of real-time and batch analytics to generate actionable business insights. Advanced knowledge of dashboard creation, reports, and self-service analytics tools for various stakeholders. Ability to collaborate with cross functional leaders to define KPI's and establish best practices for data governance, life cycle management, and secure analytics solutions.

Data Architecture and Development. Ability to design and implement scalable, high performance data architecture that support enterprise applications and advanced analytics. Ability to develop and maintain robust data models, data warehouses, and ETL/ELT pipelines, with the ability to design end-to-end data integration solutions. Ability to optimize database performance, assess data needs and guide strategic data initiatives.

Core People Skills. Ability to positively interact and work collaboratively with a diverse group of people at all levels of the organization and across the globe. Genuine with high ethical standards and values, and personal integrity and honesty. Displays humility and adaptability. Ability to apply a large measure of common sense to a variety of situations. Entrepreneurial attitude toward work center excellence.

Communication Skills. Ability to speak clearly and persuasively in positive or negative situations, listen and obtain clarification, and respond well to questions. Proficiency in writing clearly and concisely and editing work for spelling and grammar. Ability to vary writing style to meet business needs.

Computer/Applications Skills. Proficient MS Office computer skills, including Word, Excel, PowerPoint and SharePoint. Advanced knowledge of database technologies (SQL, NoSQL), ETL/ELT processes and data warehousing (Fabric, Snowflake, Azure Synapse, AWS Redshift. Knowledge of cloud data platforms such as Azure, AWS and GCP and application development in C#. Proficient in Business Intelligence and analytics tools such as Power BI, Tableau, and Qlik. Ability to integrate data across ERP, MES, CRM and other enterprise business applications. Strong programming skills in SQL, Python or other relevant languages. Familiar with low-code/no-code data development platforms, machine learning, AI and automation technologies.

Core Business Skills. Ability to exercise sound judgement and discretion in handling of proprietary and confidential information. Displays willingness to make decisions and work independently, without significant direction and to use resources effectively to "figure it out". Strong critical thinking skills, judgment and keen attention to detail and accuracy. Ability to work collaboratively within a matrix environment. Exceptional prioritization, time management and organizational skills. Ability to write routine reports and correspondence. Highly organized, detail oriented and self-disciplined.

Professional Investment. Demonstrated commitment to personal professional development.

Travel. Ability to travel by land and air up to 30%, both domestic and international. Valid U.S. passport or ability to obtain.

ESSENTIAL FUNCTIONS AND RESPONSIBILITIES

1. Design and implement scalable, high-performance data architectures that support enterprise applications and analytics.

2. Develop and maintain robust data models, data warehouses, ETL/ELT pipelines, and data integration solutions.

3. Optimize database performance and data storage solutions across cloud and on-premises environments.

4. Collaborate with application teams to ensure seamless data flow across ERP, MES, CRM, and other business systems.

5. Regularly evaluate and implement emerging technologies, including big data platforms and AI-driven analytics.

6. Lead the development of real-time and batch analytics solutions to provide actionable business insights.

7. Build and enhance dashboards, reports, and self-service analytics tools for stakeholders.

8. Partner with leadership and stakeholders to establish best practices for data development, governance, and lifecycle management while ensuring compliance with security standards.

9. Regularly collaborate with functional and IS leaders to define key performance indicators (KPIs) and design data solutions that drive decision-making. Actively participate in cross-functional software development and implementation projects.

10. Promote positive team member and customer relations by supporting Pyrotek's commitment to a working environment of tolerance, acceptance and civility. Respond appropriately to inquiries, concerns and complaints by being professional, courteous and respectful at all times.

11. Maintain regular, consistent, reliable, punctual, and predictable attendance, as required to achieve internal and external customer satisfaction.

12. Actively and positively participate in problem resolution, demonstrating constructive communication, timely response and effective resolution skills. Work effectively within team environments both within your department and across the organization.

13. Cooperate and comply fully with all Pyrotek policies and procedures. Actively support and follow the Pyrotek Safety Program.

14. Participate in company/department meetings, training activities, continuing education programs and other associated activities.

15. Consistently promote and communicate Pyrotek's core values through work performance and excellent customer service.

16. Perform other tasks as assigned.

PHYSICAL/SENSORY REQUIREMENTS

The following physical activities described here are representative of those required by a team member to perform the essential functions of this position. Reasonable accommodation, if feasible, will be made to enable individuals with disabilities to perform the functions of position.

Must be able to sit for long periods-of-time, bend and reach, use stairs, lift up to 25 pounds occasionally and communicate effectively in English by telephone, in person and in writing. Effectively use a personal computer, office equipment and telephone.

WORKING ENVIRONMENT

While performing the essential responsibilities of this position, the team member will generally work in an office environment with exposure to a manufacturing environment that may present loud noise, moving mechanical parts, and fumes or airborne particles. Personal Protective Equipment (PPE) including approved footwear, respirators, and safety glasses/goggles may be required.

Team Member's Signature	Date