

# White River Valley Electric Cooperative

## Job Description

**Division/Department:** Information Technology

**Location:** White River Valley Electric Cooperative, Branson, MO

**Job title:** Database Developer

**Reports to:** Director of Information Technology

**Level/Grade:**

**Type of position:**  
Full-time

**Hours 40 / week**  
Union

### General Description:

The Database Developer's role is to strategically design and implement databases across the organization, while ensuring high levels of data availability. This individual is also responsible for defining standards and models for database architectures. The Database Developer will in addition assist in the evaluation and selection of all technology components, such as software, hardware, and networking capabilities, for database management systems and applications.

### Responsibilities

- Assess and cultivate long-term strategic goals for database development in conjunction with end users, managers, clients, and other stakeholders.
- Analyze user requirements and, based on findings, design functional specifications for client/server databases and database applications.
- Coordinate and work with other technical staff to develop relational databases and secondary databases (i.e. Access).
- Develop automated database applications, where necessary, using the applicable database packages.
- Identify data entry, retrieval, change, and delete issues, and work to ensure a high level of data availability.
- Work with project managers to ensure that data entry, retrieval, change and delete functions meet business requirements for project completion.
- Plan and implement capacity and resource expansion to ensure scalability of company databases.
- Identify inefficiencies in current databases and leverage solutions.
- Install and configure relevant components to ensure database access
- Diagnose and resolve database access and performance issues.
- Design and deploy data table structures, forms, reports, and queries.
- Perform cost estimates for data migration to new databases during upgrades, and plan and coordinate these migrations.
- Assist with the design of redundant systems, policies, and procedures for disaster recovery to ensure effective availability, protection, and integrity of data assets.
- Evaluate and select database components, including hardware, relational database management systems, ETL software, metadata management tools, and database design solutions.
- Conduct research and make recommendations on database products, services, protocols, and standards in support of procurement and development efforts.
- Mentor and/or provide leadership to junior members of the team.

**Position Requirements:**

- College diploma or university degree in the field of computer science, information systems, or computer engineering and/or 2 years equivalent work experience.
- Working technical experience with developing, installing, configuring and supporting multi-terabyte database environments.
- Experience with database platforms, including msSQL and Oracle.
- Experience with database design applications.
- Strong understanding of relational database structures, theories, principles, and practices.
- Hands-on experience with business requirements gathering/analysis.
- In-depth technical knowledge of network, PC, and platform operating systems.
- Working technical knowledge of current database software, protocols, and standards.
- Experience with data processing flowcharting techniques.
- Proven project management experience.
- Exceptional analytical, conceptual, and problem-solving abilities.
- Strong understanding of the organization's goals and objectives.
- Good knowledge of applicable data privacy practices and laws.
- Strong written and oral communication skills.
- Strong presentation and interpersonal skills.
- Ability to conduct research into database issues, standards and products.
- Ability to present ideas in user-friendly language.
- Able to prioritize and execute tasks in a high-pressure environment.
- Experience working in a team-oriented, collaborative environment.

**Work Conditions:**

- On-call availability during emergency outage situations.
- Sitting for extended periods of time.
- Dexterity of hands and fingers to operate a computer keyboard, mouse, and to handle other computer components.
- Lifting and transporting of moderately heavy objects, such as computers, devices, and peripherals.

**Approved by:****Title:****Date posted:****Date hired:**