



## BOONE COUNTY JOB DESCRIPTION

<b>JOB TITLE:</b> <u>Senior Programmer Analyst</u>	<b>NEW:</b> <input type="checkbox"/>	<b>REVISED:</b> <input checked="" type="checkbox"/> <small>(Please check one)</small>
<b>REPORTS TO:</b> <u>Application Development &amp; Support Manager</u>	<b>FLSA:</b> <u>Exempt</u>	<b>DATE:</b> <u>07/2023</u>
<b>DEPARTMENT:</b> <u>Information Technology</u>	<b>JOB CODE:</b> <u>202</u>	

### **SUMMARY:**

With general supervision, reviews, analyzes, and modifies programming systems, including coding, testing, debugging, and installing; trains end-users in new application systems; and provides general programming support.

### **ESSENTIAL FUNCTIONS:**

*Essential functions, as defined under the Americans with Disabilities Act, may include the following tasks, knowledge, skills, and other characteristics. This list of tasks is ILLUSTRATIVE ONLY and is **not** a comprehensive listing of all functions and tasks performed by incumbents of this class.*

Develops, modifies, and troubleshoots SQL queries, functions, and procedures, JavaScript, CSS, HTML, and some COBOL, including database file and parameter changes; tests, installs, and implements changes and ensures changes are successful; creates and maintains full-stack applications that support County operations.

Makes application program modifications to enhance current systems; documents existing systems and workflows or programming flows to record current operating procedures for County departments; and assists in the business analysis of new processing systems and/or applications.

Assists other programmers and IT personnel or end users, as needed.

### **KNOWLEDGE AND SKILL:**

1. Considerable knowledge of the principles and practices of computer science.
2. Considerable knowledge of systems analysis and programming.
3. Good knowledge of the Software Development Life Cycle.
4. Skill in planning, organizing, and managing projects.

5. Skill in communicating orally and in writing, and in establishing and maintaining cooperative working relationships with other departments and the public.

**PHYSICAL DEMANDS:**

The majority of work is performed in a professional office setting and is generally sedentary. Must possess vision to read printed materials and a computer screen and to correspond via email; must possess hearing and speech to communicate in person and over the telephone. Ability to operate a motor vehicle. Cognitive ability to understand and convey complex information.

Position requires CONTINUOUS sitting, upward and downward flexion of neck; fine finger dexterity and light to moderate finger pressure to manipulate keyboard, equipment controls, and other office equipment; pinch grasp to manipulate writing utensils. FREQUENT side-to-side turning of neck, walking, standing, bending and stooping, pushing/pulling, twisting at waist, moderate wrist torque to twist equipment knobs and dials; lifting objects weighing up to 25 lbs. from below waist to above shoulders and transporting distances up to 50 yards. OCCASIONAL squatting, kneeling, reaching above and at shoulder height, moderate grasping to manipulate objects; lifting objects weighing 20-35 lbs. from below waist to above shoulders and transporting distances up to 50 feet.

**WORK ENVIRONMENT:**

This job operates in a professional office environment. Professional attire is required. This position routinely uses office equipment such as computers, calculators, multi-line telephones, photocopiers, filing cabinets and fax machines. This position is routinely in contact with the public, other Boone County employees, elected officials and members of other entities.

**MINIMUM QUALIFICATIONS:**

Bachelor's degree in computer science or a related field and five years computer systems analysis and programming, OR equivalent combination of education and experience.

*Please note this job description is not designed to cover or contain a comprehensive listing of activities, duties, or responsibilities that are required of the employee for this job. Duties, responsibilities, and activities may change at any time with or without notice.*