

## Software Engineer

Are you passionate about harnessing the power of technology to drive innovation and solve complex problems? Join our team at CTC, where you'll have the opportunity to work on exciting projects that push the boundaries of what's possible in the world of software engineering. We're seeking a talented and motivated Software Engineer to join us in creating cutting-edge solutions that make a real impact. If you're ready to be part of a dynamic team that's shaping the future, we want to hear from you. Apply now and let's build the future together.

### About the Company

Connection Technology Center (CTC) is the global leader in the design & manufacture of cutting-edge vibration analysis hardware for machine condition monitoring. As a family-owned & operated business for 30 years, we are proud to play a crucial role in preventing operational disruptions, financial losses, and safety concerns for heavy industry. From small scale manufacturing to Fortune 500 companies in Paper & Pulp, Auto & Steel, Food & Beverage, Pharmaceutical, Mining and many more, our mission is to create products that help ensure seamless operational uptime and contribute to a safer, more efficient manufacturing future.

### Main Responsibilities

#### Software Development:

- Design, develop, test, and maintain software applications.
- Collaborate with product managers, designers, and other developers to deliver high-quality software solutions.

#### Coding and Programming:

- Write well-designed, efficient, and maintainable code.
- Implement best practices in coding standards, security, and performance.

#### Problem Solving:

- Analyze user requirements and technical specifications to propose software solutions.
- Troubleshoot, debug, and resolve software defects and issues.

#### Collaboration:

- Work closely with cross-functional teams, including product management, to deliver software projects on time and within scope.
- Participate in code reviews and provide constructive feedback.

#### Continuous Learning:

- Stay updated on industry trends, emerging technologies, and best practices.
- Continuously improve your technical skills and knowledge.

#### Documentation:

- Create and maintain technical documentation, including design specifications, system documentation, and test plans.
- Collaborate with team members to ensure comprehensive documentation of software projects.

#### Quality Assurance:

- Implement unit testing and participate in the creation and execution of integration tests.
- Performing user testing in development environments.

### **Project Management:**

- Contribute to project planning, scope meetings, and weekly updates.
- Elicit project requirements from stakeholders and provide effort estimates.

### **Requirements**

- Bachelor's degree in software engineering, computer science or related field required.
- Proven experience as a software engineer, software developer or a similar role.

### **Knowledge, Skills, and Abilities**

- Proficient in programming languages such as C#, Python, JavaScript, or similar.
- Experience with web development frameworks and technologies (e.g., React, Node.js).
- Strong understanding of software development methodologies, design patterns, and best practices.
- Familiarity with version control systems (e.g., Git or SVN) and collaborative development tools.
- Intermediate knowledge of Microsoft Office including Word, Excel, and PowerPoint.
- Ability to research and develop new technology.
- Strong analytical and problem-solving skills.
- Excellent communication and interpersonal skills.
- Ability to work independently and collaboratively in a team environment.
- Knowledge of industry regulations and standards.
- Ability to meet deadlines and Project management.
- Ability to present technical concepts to leadership both verbally and written.

### **Work Location**

This in-person position will work out of the Victor, NY facility.

### **Salary Range**

\$90K - \$95K

### **Benefits**

- Health Insurance
- Dental Insurance
- Vacation Time
- Sick Leave
- Personal Day after one year of employment
- 401K plan with Employer Match
- Summer golf membership to Bristol Harbour Private Golf Course

### **How to Apply**

Please apply here: <https://www.ctconline.com/opportunities/employment/>

*Connection Technology Center (CTC) is an equal-opportunity employer. NYS law prohibits discrimination because of age, race, creed, color, national origin, sexual orientation, military*

*status, sex, disability, predisposing genetic characteristics, marital status, domestic violence victim status, carrier status, gender identity, prior conviction records, prior arrests, youthful offender adjudications or sealed records unless based upon bona fide occupational qualification or other exception, or any other protected characteristic as outlined by federal, state, or local laws.*

**Employee Acknowledgement:**

I have received full instruction on the scope and nature of this job description and fully understand my position responsibilities and accept this responsibility and full authority as prescribed.

\_\_\_\_\_  
Employee Print Name                      Employee Signature                      Date

Approved by: \_\_\_\_\_  
Title: \_\_\_\_\_

Issue Date: January 2024  
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