Full Stack Developer I

Are you a talented developer with a passion for creating innovative web applications? Our company is seeking a skilled Full Stack Developer to join our dynamic team. As a key member of our development team, you will be responsible for designing and implementing cutting-edge solutions that meet our business needs. From front-end user interfaces to back-end server logic, you will have the opportunity to work on every aspect of the development process. This position offers an exciting opportunity to collaborate with cross-functional teams, tackle complex challenges, and contribute to the success of our projects. If you have a strong technical background, proficiency in both front-end and back-end development, and a desire to make a meaningful impact, we encourage you to apply and join us in shaping the future of our digital initiatives.

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

Front-End Development:

- Develop responsive and user-friendly web interfaces using HTML, CSS, and JavaScript.
- Implement modern front-end frameworks (e.g., React, Angular, Vue) to create interactive user experiences.
- Collaborate with UI/UX designers to ensure seamless integration of design elements.

Back-End Development:

- Design and implement server-side logic using server-side languages (e.g., Python, C#).
- Build and maintain databases, ensuring optimal performance and data integrity.
- Develop RESTful APIs to facilitate communication between front-end and back-end systems.

Database Management:

- Design and implement database schemas, queries, and optimizations.
- Ensure data security, integrity, and scalability in database management.

Testing and Debugging:

- Conduct thorough testing of applications, identifying and resolving bugs and performance issues.
- Reviews code prior to deployment.

Collaboration and Communication:

- Work closely with cross-functional teams, including graphic designers, product managers, and other developers.
- Communicate effectively with team members and stakeholders to gather requirements and provide project updates.

What You'll Work On:

- Internal web applications supporting manufacturing, calibration, and operational workflows
- Customer-facing portals and dashboards used by engineers and industrial clients
- Full-stack features spanning UI, APIs, and databases
- Enhancements and modernization of existing applications

Growth & Development:

- Structured mentorship form senior developers and architects
- Code reviews and Development Meetings focused on sharing, learning, and improvement
- Exposure to the full software development lifecycle.

Requirements

- Bachelor's degree and 0-2 years of relevant work experience.
- Experience with Search Engine Optimization.
- Experience with jQuery, Angular and/or React.

Knowledge, Skills, and Abilities

- Basic proficiency in all required languages.
- Basic proficiency with web development.
- Ability to complete projects with mentorship from senior development staff.
- Ability to debug issues with assistance from mentors.
- Knowledge of the Microsoft.NET framework and C# programming.
- Proficiency with HTML, CSS, JavaScript, and ASP.NET.
- Ability to use and implement MSSQL and/or MySQL database.
- Understanding of REST APIs.
- Must be able to work individually as well as in a small team environment.

Work Location

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

Salary Range:

Starting at $80K annually. Relevant experience and qualifications will be taken into consideration.

Benefits

- Health Insurance
- Dental Insurance
- Vacation Time
- Sick Leave
- 401K plan with Employer Match
- Summer golf membership to Bristol Harbour Private Golf Course

How to Apply
Please apply here: https://ctconline.com/opportunities/careers-at-ctc/

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.