

Embedded Software Developer



Phone :

Web :

Job Summary

Vacancy :

Deadline : Sep 23, 2024

Published : Aug 23, 2024

Employment Status : Full Time

Experience : Any

Salary :

Gender : Any

Career Level : Any

Qualification :

Job Description

Join us in Advancing the Environmental Global Impact within the Rail Industry

For nearly 40 years, ZTR has designed, developed and released products that have a positive environmental impact within the Rail Industry. Planning for an environmentally sustainable future means taking action today in preparation for tomorrow. Everyone has a role to play and we take ours seriously.

What You'll be Doing!

As an **Embedded Software Developer**, you will contribute to complex engineering projects and products through designing, coding, testing, and maintaining software applications using object oriented programming, industrial programming, communication protocols and more!

Responsibilities include but are not limited to:

- Design, create and maintain product-centric functional PLC and HMI programs.
- Support and maintain development through all stages of the CI/CD lifecycle
- Identifying and implementing operational improvements
- Create and apply innovative algorithms for mechanical and electrical system controls
- Implementing changes to existing and creating new engineering designs with respect to control systems hardware and software
- Conduct code reviews, regression testing, end-to-end testing, debugging, and more
- Contribute to projects and post-deployment activities by providing technical documentation, adhering to coding standards, and troubleshooting issues.
- Execute on-site control system and software commissioning at global rail locations

Who are you?:

- 3+ years of experience in controls engineering
- Bachelors degree in Electrical, Mechatronics or relevant degrees
- Experienced in all phases of the development life cycle
- Strong technical writing and documentation skills
- Proficient in PLCs (Siemens, Rockwell, etc.)
- Profound understanding of control algorithms and design practices
- Knowledgeable in industrial communication protocols (Profinet, RS-232, etc.)
- Excellent written and oral communication skills with the ability to communicate to an array of technical and non-technical audiences
- Passion for learning and keeping up to date with new technologies
- Ability to travel and work in industrial environments

Why Choose ZTR?

ZTR is all about our people. That is why we value Diversity, Equity and Inclusion (DEI) within our organization. DEI is essential to our goal of creating a great place to work. We are committed to building a representative workforce and committed to equal opportunities regardless of race, color, ancestry, religion, sex, national origin, sexual orientation, age, citizenship, marital status, disability, gender identity or Veteran status.

We are looking for flexible, compassionate and enthusiastic individuals who thrive in a fast-paced working environment, and who are looking for long-term, meaningful employment in a career that makes a real difference.

At ZTR, we continuously promote a healthy balance between work, fun and family. This is a place where employees make a difference in our company and within our customers' organizations. You will have the ability to direct your career path at ZTR as we are rapidly growing with numerous opportunities for professional growth and development.

ZTR Control Systems provides accommodations for applicants with disabilities throughout the recruitment process. If you require accommodation, please contact Human Resources. We will address information received regarding the accommodation needs of applicants in confidence.

Education & Experience

Must Have

Educational Requirements

Compensation & Other Benefits
