Software engineer

Note: By applying to this position your application is submitted to the following locations: **Genoa, Italy; Naples, Italy**

Minimum qualifications:

- Bachelor's degree in Computer Engineering or Computer Science, a related technical field or equivalent practical experience.
- Proficiency in C/C++.
- Experience applying Object-Oriented Design principles and patterns.
- Knowledge of Computer architecture.
- Knowledge of Operating System Internals and Design Principles.
- Experience with Embedded systems.
- English: upper intermediate level required.

Preferred qualifications:

- Master's degree in Computer Engineering or Computer Science
- Knowledge of developing software in a Linux environment, including writing and modifying shell scripts.
- Basic knowledge of cybersecurity principles of networking and systems protection
- Experience with networking concepts, including routing, VPNs, load balancers, and firewalls.
- Experience with continuous integration, static code analysis, branching and versioning and DevOps.
- Experience implementing and sustaining mission critical enterprise systems.
- Experience in development of distributed/scalable systems and high-volume transaction applications.

About The Job

We are looking for software engineers who thrive on complex problems and relish the challenge of operating a complex and mission critical system under extreme loads. Our systems manage hundreds of network communications, and respond to hundreds of field devices with real-time policy.

By submitting your application here, you can apply once to be considered for different locations. If you are successful in passing through the initial application review and assessment, you will be asked to submit your personal preferences.

Responsibilities

- Support the proper requirements management for all the phases of the software lifecycle according to company standard processes.
- Contribute to the design and the implementation of a complete solution (modules, documentation and tools), applying company standard processes.
- Contribute to the correct operation of the SW on the applicable platforms.

- Contribute to provide the proper level of support to the other functional units (RAMS, Verification, Test & Commissioning)
- Contribute to the application of common methodologies, technical solutions and best practices in coherence with the Development function, applying company standard processes.

Who We Are

Hitachi Rail is a fully integrated, global provider of rail solutions across rolling stock, signalling, service & maintenance, digital technology and turnkey. With a presence in 38 countries across three continents and over 13,000 employees, our mission is to contribute to society through the continuous development of superior rail transport solutions.

Benefits

Hitachi Rail employees enjoy a comprehensive benefits package including Competitive Pay, Medical, Dental and Vision Insurance, Short & Long Term Disability, Life & Accident Insurance, Flexible Spending Accounts, Savings Plan, and Paid Vacation. We also offer a number of Work/Life Programs such as Flextime and a variety of Training and Development opportunities.

We thank all applicants for their interest; however, only those under consideration will be contacted.

It is our commitment at Hitachi Rail to create a diverse environment and we are proud to be an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, gender, gender identity or expression, sexual orientation, national origin, genetics, disability, age, or veteran status.

Full-stack Developer

Note: By applying to this position your application is submitted to the following locations: **Genoa, Italy; Naples, Italy**

Minimum qualifications:

- Bachelor's degree in Computer Engineering or Computer Science, a related technical field or equivalent practical experience.
- Proficiency in Java.
- Experience with Spring Boot, Javascript, JQuery
- Experience applying Object-Oriented Design principles and patterns.
- Knowledge of HTML(5), CSS(3)
- Knowledge of application architecture and design patterns.
- Knowledge of Microservice architecture
- English: upper intermediate level required

Preferred qualifications:

- Master's degree in Computer Engineering or Computer Science
- Experience with Bootstrap, AngularJS
- Experience with CI systems
- Experience with Cassandra DB
- Knowledge of developing software in a Linux environment, including writing and modifying shell scripts.
- Basic knowledge of cybersecurity principles of networking and systems protection
- Experience with networking concepts, including routing, VPNs, load balancers, and firewalls.
- Experience with continuous integration, static code analysis, branching and versioning and DevOps.
- Experience implementing and sustaining mission critical enterprise systems.
- Experience in development of distributed/scalable systems and high-volume transaction applications.
- Experience building enterprise class, multi-process, fault tolerant load balanced and multi-tiered systems.

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