



Honda Racing Development UK Ltd

6 MONTH FIXED TERM CONTRACT

JOB TITLE: Software Engineer

REPORTING TO: System Engineering Group Leader

DEPARTMENT: ERS Development – System Engineering Group

APPLY TO: hondaracingjobs@uk.hrdeu.com

ROLE:

The purpose of the role is to develop the software for the ESS battery and other systems supporting Honda's Formula 1 programme in order to ensure that performance and reliability targets are met. This role has a responsibility to update the tool API for the battery development and race support tool. The role will be required to liaise with development teams in Honda-Sakura the supplier and to deliver software according to the schedule defined by Honda management.

MAIN RESPONSIBILITIES:

- Tools supporting development and testing to the battery test and the quality management of battery
- Software development process, documentation and releasing
- Development of bespoke software for test equipment and experiments

KNOWLEDGE, SKILLS AND EXPERIENCE IS ESSENTIAL:

- Strong understanding of OOP, AOP and general software programming patterns
- Strong experience with C# in the .NET Core context
- Solid proven experience with WPF
- Solid experience with CSS, TypeScript, ReactJS and Redux
- Solid experience with Web API Core and any experience with Blazor is essential
- Clean coding and refactoring skills and understanding of the need to be pragmatic
- Solid experience with Agile practices, like Continuous Integration and Test Driven Development
- Experience working with Docker Containers
- Solid knowledge of Event Sourcing, CQRS Domain Driven Design
- Solid experience of event driven architectures (NServiceBus and RabbitMQ)
- Solid knowledge of Domain Driven Design
- Atlas 9 or Atlas 10 API development experience
- Matlab scripting (Simulink is not required)

PERSONAL COMPETENCIES:

- Team player with particular strength in influencing technical staff
- Excellent communication and technical skills and high level of attention to detail
- High level of personal resilience in order to deal with tight deadlines, rapidly changing priorities and high tempo environment
- Approachable, with balanced judgment and a high level of personal integrity.
- Able to plan, organize and deliver software projects
- Self-motivated and competitive
- Problem solving and decision-making skills
- Cross cultural working environment experience

All employees must ensure compliance with the Company Health and Safety Policy, and all relevant other statutory Health and Safety legislation.

The role may involve travel both in the UK and overseas.

This job description may not detail some less major duties allocated to the post holder, nor cover duties of a similar nature, commensurate with the role, which may from time to time be reasonably required by the relevant manager.