

# Job Description

**Job Title:** Software Engineer, McLaren Applied Technologies

**Date:** July 2010

**Department:** Software Development (Midas)

**Reporting to:** Team Leader – Software Development

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## **PURPOSE OF THE ROLE:**

McLaren Applied Technologies is the newest company in the McLaren Group, whose remit is to exploit Formula 1 technology to other markets. This role is part of a small but growing multi-disciplinary team in a fast paced environment. The post holder will be a key member of the team and will primarily work on designing and maintaining the software used by our F1 Racing team but there may be future opportunities to become involved in projects across a wide range of markets including medical, sports and engineering.

**STATUS:** Permanent

**BASE:** Woking, Surrey

## **PRINCIPAL ACCOUNTABILITIES:**

- Work with your client to define detailed specifications and create software designs based on the project requirements.
- Interpret and refine existing technical specifications.
- Design, Implement and maintain robust, generic and testable solutions within agreed timescales.
- Accurately estimate activity timescales and provide regular progress reports.
- Confidently analyse and overcome technical challenges with workable and innovative solutions

## **KNOWLEDGE, SKILLS AND EXPERIENCE:**

- Significant experience of C# and SQL Server, preferably through a full product lifecycle.
- Excellent understanding of the principles of software engineering, including OO development, concurrency and design patterns.
- Experience of the following, or similar, technologies would be desirable: WPF, WCF, LINQ, RhinoMocks, MSTest, ASP.NET, Silverlight.
- A computer science or software engineering degree (2:1 or above).
- Demonstrable ability and willingness to quickly learn new skills and adapt existing skills to new areas.
- Self- starter and confident decision maker with the ability to work independently.
- Demonstrable interest in developing and mentoring less experienced team members.

## **KEY COMPETENCIES**

### **COMMUNICATION**

- Ability to articulate your ideas to both customers and team members.
- Excellent writing skills for a wide variety of communications from specifications to customer emails.
- Ability to tactfully challenge without alienating.
- Adaptable and flexible in communication styles to effectively transfer key and complex information to others of varying degrees of knowledge and experience.

### **TEAM WORK**

- Seeks ideas and inputs of colleagues to make best use of team expertise and improve team performance.
- Freely shares knowledge and findings with others.

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## **PLANNING AND ORGANISING**

- Works with confidence unsupervised.
- Able to manage multiple concurrent workstreams.
- Able to organise work in order to meet deadlines and support team goals.

## **PROBLEM SOLVING**

- Identifies issues and takes a proactive approach to dealing with them.
- Thinks creatively to produce workable ideas and novel solutions.
- Has the drive and commitment to see activities to completion.

## **CONTINUAL IMPROVEMENT**

- Manages own development and performance.
- Strives to improve and keep knowledge and skills up to date.
- Keen interest in the field of software.

To apply send your CV to [mclarenHR@mclaren.com](mailto:mclarenHR@mclaren.com)

**Closing date for applications is Monday Friday 30<sup>th</sup> July 2010.**

This job description is not intended to be an exhaustive list of duties and 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.