**JOB DESCRIPTION**

**Job Title:** Software Engineer – Web UI Specialist

**Group:** Software Development

**Salary Band:** TBC

**Reports to:** Technical Manager

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**ROLE PURPOSE**

Working in a Scrum team, the post holder will help to design, develop, release, enhance and maintain software and systems at CCDC.

The post holder will contribute to implementation and delivery of Web Applications and will support the adoption of modern web-based technologies, including Typescript and REACT, at the CCDC.

The post holder will satisfy the need for a software engineer specialising in web UI technologies to work on the full range of current and future CCDC software projects. A highly developed understanding of all aspects of UI in software products, including both usability and accessibility, will be an advantage.

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**MAIN DUTIES AND RESPONSIBILITIES**

1. Implement scientific software GUIs, including for efficient searching and maintenance of chemical databases
2. Provide user access to CCDC data and technologies through the development of: Application Programming Interfaces, Web Services, Web Applications
3. Develop embeddable web components for linking CSD data to and from external scientific database providers
4. Release and maintain software both on servers at CCDC and for installation on user sites
5. Adhere to software development practices and standards adopted at CCDC
6. Work alongside Product Owners/Product Managers to understand the needs of end-users and to translate user requirements into software features
7. Provide mentoring, coaching and training on specialist technologies to more junior colleagues.

This job description and person specification are only an outline of the tasks and responsibilities required for the role. The job holder will carry out any other duties as may be reasonably be required by their line manager.

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Our Values

Quality, Innovation, Passion, Community, Collaboration, Integrity, Customer Centricity, Agility, Diversity