

## REACT Developer

### Job Description

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<b>Purpose</b>	Responsible for planning, developing, implementing, and maintaining internally developed applications and interpreting business needs for the development team.
<b>Responsible to</b>	Data Systems Projects Manager
<b>Internal relationships</b>	Will work within the Data Systems team and work closely with both the Research and Audit teams and will liaise with other members of ICNARC.
<b>External relationships</b>	To represent ICNARC at meetings, Steering Groups and Conferences when required.
<b>Location/Environment</b>	Hybrid – the role is based in High Holborn, London with some homeworking

### Principal duties and responsibilities

#### Applications Development and Management

- To act as ICNARC's REACT/Angular expert and advise on development work. Support the development team in learning the technology and hold regular teaching sessions.
- Leading by example; sharing and developing personal expertise and knowledge and encouraging and supporting staff learning and development.
- Foster an agile working environment for the development team and actively participate in regular agile ceremonies (stand-up, sprint planning, sprint retrospective, etc.)
- Be a part of an Agile development team to understand and identify requirements when developing of, or performing updates to, internal applications, using REACT components, backed-up by ASP.NET MVC Core.
- Define, develop, and test applications to ensure quality and that new applications or features meet the defined business need and definitions of done.
- Coordinate system testing, log and clearly communicate issues, and make modifications where appropriate.
- Develop written instructions and provide support and guidance on the use of applications to both internal and external users.
- Produce needed detailed functional specifications for application development.
- Ensure applications continue to undergo agile improvements with incremental releases of new functionality and features to meet changing needs.
- Ensure internal applications are developed with privacy-by-design in mind and meet data protection and security regulations for the relevant purpose or business need.
- Attend internal project meetings, leading discussions on application
- Work with project teams to provide ad hoc reports and solutions for routinely required information/tasks.
- Provide Training / Workshops for our internal and external users of internal applications.

- To act as a mentor for new and more junior staff by provide training and advice with application development systems and functionality.

### **General duties and responsibilities as an employee**

- To work as part of a team and contribute to the overall aims and objectives of the organisation
- To be an advocate for the organisation
- Attend staff meetings and training as required
- All staff are required to operate in accordance with ICNARC's values, policies, and procedures, including but not limited to, Health and Safety, and Data Protection

The above list of duties and responsibilities is not exhaustive, and you may be required to undertake other responsibilities and training as requested and as appropriate to your role level.

### **Changes**

This is a description of the job as it is presently constituted. It is the practice of ICNARC to examine job descriptions from time to time and to update them to ensure they relate to the job as then being performed, or to incorporate whatever changes are being proposed. This will be conducted in consultation with you.

This job description is supported by annual objectives and performance standards to provide an indication of the level of performance expected from the role.

By signing this job description, I confirm as follows:

- I have read and understood the requirements of this position
- I am competent to hold and perform all the responsibilities listed
- I agree to perform fully, effectively and to the best of my abilities the tasks, responsibilities and duties listed.

Signed by  
Job holder

Date

Signed by  
Line Manager

Date

## Person specification

Requirements	Essential	Desirable
<b>Educational attainment</b>	Undergraduate degree, preferably in Computer Science or Mathematics or similar (such as Physics, Electrical Engineering etc.).	
<b>Knowledge required</b>	Agile development	<p>Familiarity with business intelligence applications</p> <p>Familiarity using other JavaScript frameworks</p> <p>Dev Ops - CI/CD/CR Continuous integration, Continuous delivery, and Continuous release</p>
<b>Experience required</b>	<p>Planning, developing, implementing, and maintaining applications</p> <p>Continuous Integration/Deployment.</p> <p>Unit/ Integration Testing</p> <p>Writing functional specifications and other technical documentation;</p>	Familiarity with TDD
<b>Skills and aptitudes required</b>	<p>Experience of front-end development using REACT</p> <p>Redux</p> <p>REST APIs(ASP.NET Core MVC Web API)</p> <p>HTML, TypeScript, JavaScript and CSS skills</p>	Atlassian products (JIRA/ Confluence/ Bamboo/ Bitbucket)

	Usage of CSS pre-processors, e.g.: SASS, LESS	
<b>Personal qualities required</b>	Excellent interpersonal and communication skills  High level of attention to detail in all aspects of work	