

Job title	Software Engineer (Web Developer)		
Job family	Technical Systems & Delivery	Grade	7

Job purpose

We are looking for an experienced **web developer** who is **enthusiastic about news on the web** to join our team to help build front-end experiences for the BBC News websites. You will be working in a multi-disciplinary team alongside product owners, editors, producers, designers and testers within an agile environment.

- Key responsibilities and accountabilities**
- Develop effective software that meets given specifications
 - Write appropriate tests using automated test driven techniques for ensure code quality
 - Integrate the software with monitoring and support tools
 - Support system integration in its operating environment
 - Write and review technical documentation
 - Help to troubleshoot and resolve issues throughout the product life cycle
 - Participate in the team's agile planning and delivery process
 - Effectively participate in the teams software development methodologies, such as pairing, code and documentation reviewing and continuous delivery
 - Learn new technologies and keep abreast of existing technologies

- Knowledge, skills, training and experience**
- Essential**
- More than 1 year experience writing and maintaining robust production software
 - Competence in one or more mainstream development languages and frameworks
 - Competence with one or more mainstream development and deployment tool chains (IDE, SCCS, CI)
 - Experience of database design and use in software applications
 - Knowledge of the web architecture and key technologies (HTTP, DNS, distributed design)
 - Competence test driven development
 - Competence in developing for operational concerns (monitoring integration, performance testing, security considerations)
 - Experience of project working and professional software development processes, including agile
- Desirable**
- Worked in an enterprise environment on several projects (including experience in testing, design and release)
 - Experience of releasing their software to a production use case

- Participated in reviews and inspections of code (sat with a peer or someone more senior reviewing your code)
- Software Engineering or Computer Science Degree or equivalent

Job impact	
Decision Making	
<i>Reports to Software Engineering Team Lead or Principal Software Engineer or Software Engineering Manager.</i>	
<i>Tasks are allocated to the job holder by the team lead.</i>	
<ul style="list-style-type: none"> • <i>Undertakes tasks independently.</i> • <i>Independently writes tests to check quality of code.</i> • <i>Assesses feedback from reviews and incorporates as appropriate.</i> • <i>Troubleshoots independently or with the support of others where necessary.</i> • <i>Contributes to the teams iterative and collaborative design and implementation decisions.</i> 	
Scope	
<i>Finance:</i>	<i>No financial responsibility</i>
<i>Line Management:</i>	<i>No line management responsibility</i>
<i>Ad Hoc Teams:</i>	<i>Participates in departmental hack days and external ad-hoc events (typically 5 to 20 members)</i>

Other information	
For Reward team use only	
Job Code	
Definition:	Content / Content Support / Support

This job description is a written statement of the essential characteristics of the job, with its principal accountabilities, incorporating a note of the skills, knowledge and experience required for a satisfactory level of performance. This is not intended to be a complete, detailed account of all aspects of the duties involved.

Appendix

There may be sub-sets of the generic job described above which require additional technical skills. This appendix to the generic job description can be developed to cover such situations.

Division	
Reports to (title)	
Location base	

Organisation structure	
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Additional job specific responsibilities and accountabilities
<p>Key Responsibilities</p> <ul style="list-style-type: none">• Write world class HTML, CSS and JavaScript.• Write high-quality server side code, mainly Ruby, Node.js and PHP. <p>Essential Skills</p> <ul style="list-style-type: none">• Excellent front-end web development skills:<ul style="list-style-type: none">○ HTML: Accessible, clean HTML5 markup.○ CSS. Good understanding of developing well-structured CSS for a broad range of devices and browsers.○ JAVASCRIPT. JavaScript programming skills, with knowledge of developing web applications both with and without frameworks like React.• Fluency in at least one of the following server side languages: Ruby, PHP, or Node.js.• A good understanding of User Experience (UX) and the ability to work with designers and wireframes to develop high-quality experiences. <p>Desirable Skills</p> <ul style="list-style-type: none">• An interest in platform level technologies (e.g. queues, micro-services, caches).• Experience with AWS or similar cloud infrastructure and associated tooling.• Knowledge of strategies and best practices to improve web page performance.

Approval

JOB DESCRIPTION



Manager	Name and job title
HR Business Partner	Name
Date	