

<b>Job title</b>	<b>Chief Technical Advisor</b>		
<b>Job family</b>	<b>Research &amp; Development</b>	<b>Band</b>	<b>F</b>

<b>Job purpose</b>
<p>The purpose of the role is to provide technical leadership and advice for the design and implementation of innovative strategies and programs to strengthen BBC’s direction to technological advancement and role in the wider public service ecosystem. The Chief Technical Advisor supports the Director, Research and Development and the R&amp;D leadership team and contributes to standards development and best international practices to achieve sustainable results.</p> <p>This role will drive the changes required in making the R&amp;D department relevant and relatable across the BBC and in the industry. Responsible for advancing BBC’s research and development agenda, shaping innovative and transformative technical pathways that support BBC’s strategic priorities. This role will bring strong leadership and team building skills fostering an environment of inclusivity, growth and personal development.</p>

<b>Key responsibilities and accountabilities</b>
<ul style="list-style-type: none"> <li>● Provide high quality independent objective advice to the R&amp;D department on a range of technical topics.</li> <li>● Maintain collaborative relationships with R&amp;D leadership team and senior leaders across BBC and industry, including operating as lead point of contact for Director, Research and Development on specific projects, and leading the development of advice.</li> <li>● Lead and manage engagement in a number of BBC and external meetings with respect to specific technical topics and represent and promote R&amp;D activities, on behalf of BBC, in key international fora.</li> <li>● Maintain liaison with technical teams, other industry counterparts, partners, and universities; seek opportunities for dissemination of lessons learned, research, publications, and other development and communications activities.</li> <li>● Ensure all projects are designed to be aligned and contribute to the overall maturity of the R&amp;D departments portfolio of activity, with timely reporting of performance, breakthroughs and value realisation for the BBC and industry.</li> <li>● Contribute towards development and implementation of R&amp;D tools, processes, standards and metrics, including establishment of best practices.</li> <li>● Chair international standards bodies and similar forums that bring together global industry players to create a smooth operating environment for the BBC.</li> <li>● Identify and pursue grant funding opportunities to deliver work plan objectives and amplify impact through collaborations with 3rd parties.</li> <li>● Identify potential commercial opportunities for research outcomes and develop strategies for developing &amp; protecting the BBC’s intellectual property.</li> <li>● Support the Director, Research and Development to deliver against BBC’s Agreement obligations relating to R&amp;D, ensuring that work can be audited to the level required by any contractual obligations.</li> </ul>

- Teaching, guiding, and tutoring colleagues without research backgrounds in state-of-the-art techniques and research best practices.
- Sharing technical work with others via a range of means, including publication, to enable others to build on your work and to contribute to the reputation of our products as cutting-edge and science-driven.
- Lead matrix teams, applying highly developed technical decision making, to achieve the R&Ds strategic aims.
- Contribute to the R&D department and contribute to performance against corporate diversity and inclusion, location, and sustainability targets.

### **Knowledge, skills, training and experience**

#### **Essential**

- A degree (or equivalent experience) in computer science, electronic engineering, maths, physics, psychology, human computer interaction, machine learning or a similar relevant science, engineering or technical subject.
- A broad understanding of internet technologies with expertise relevant to the development of advanced technologies for BBC and the news and media industry is essential.
- Understanding of national and international technology and public service policy issues, you should have experience of working with partners and stakeholders at a senior level, and the ability to engage constructively and effectively with international standards / technical forums.
- Excellent communication skills are important, as is the ability to tailor messages to a variety of audiences.
- Relevant experience, including demonstrated expertise, in technical areas of the internet, broadcasting and digital technologies.
- Internationally recognised as a leading specialist in their field. May be a fellow of a professional body, or have experience equivalent to this level.
- Knowledge of current standards and practices in broadcast or software engineering, human computer interaction and/or behavioural scientific research.
- Recognised as a specialist with a broad range of relevant technical areas and able to speak with authority and insight about these areas and the role of their department in them.
- Ability to consistently make timely decisions even in the face of complexity, balancing systematic analysis with decisiveness.
- Effectively demonstrate ability to deliver on complex situations or problems without guidance or supervision.
- Effective demonstrated ability to work effectively in a team environment, with a track record of building and developing teams.
- Demonstrates strong conceptual thinking skills, quantitative and qualitative analytical and problem-solving skills.
- A record of delivering technology based change in an industry context, managing associated political/commercial and financing issues together with the tenacity to ensure the technology is taken up in contexts where the change is resisted.

<b>Job impact</b>
<p><b>Decision making</b></p> <ul style="list-style-type: none"> <li>• Provides a leadership role in conducting research and development; promoting efficiency, cost-effective, standardisation and innovative practices across the BBC.</li> <li>• Contributing towards the positioning of BBC in the future and the advancement of industry using technology, innovation, partnership and collaboration.</li> </ul> <p><b>Scope</b></p> <ul style="list-style-type: none"> <li>• This is a leadership role providing technical leadership across: technology domains and industries; editorial and delivery teams; an emerging matrix organisation and third parties</li> <li>• Strategic dimensions: covering near and long-term (5+ years)</li> <li>• People Management: 4+ direct reports and supervise technical staff as assigned. Develops, coaches, motivates, energises and inspires fellow team members.</li> <li>• Oversee the quality of the work performed by members of any project / partner teams that they lead to ensure it delivers measurable business benefits and maintains integrity with the overarching business and technical strategies.</li> </ul>

<b>Other information</b>	
<b>For Reward team use only</b>	
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.*