Lead Data Architect

Glasgow, Scotland

Apply

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We are looking for an experience architect to join the BBC and help us bring machine learning to a bigger part of our product portfolio.

We are the third largest website in the UK and have multiple digital products that have millions of users. But we know that these users expect more and more personalised experiences. This means that we are using machine learning to provide recommendations, but also to help us better understand the vast catalogue of content that we have been creating since 1922.

The role requires a deep understanding of machine learning, cloud based technologies, distributed computing frameworks, and data processing and storing techniques to make the right technology choices. This is a highly visible role that requires a mix of technical acumen and team leadership skills to develop and drive the BBC’s Machine Learning Strategy. This person must be creative, ask questions, and be comfortable challenging the status quo.

We are looking for someone who has learned data science and data engineering by doing it. Someone who knows the different algorithms and databases and who has experience with, and is comfortable with making long lasting strategic decisions around machine learning and data technologies.

With your help, we can make sure that our systems, components and services scale and are easy to integrate with existing technologies at the BBC. We will also be looking at you to help us better govern the different approaches to machine learning across the BBC

Role Responsibility

- Work collaboratively within a specialised architecture team to assist the Head of Architecture in the creation of Technology Strategy and Architectures which deliver adaptable, scalable platforms across the BBC

- Within your specialism, realise the adoption and monitoring of the relevant component(s) of the overall Technology Strategy, Architecture and Forward Plan which will enable the BBC to exploit new technologies and to evolve and transform working practices in a measurable way
• Understand and own the asset landscape within your specialism – identifying gaps and potential fragilities and actively develop solutions; including working with external suppliers to align requirements with solutions

• Recognize the opportunities presented in your area of specialism and take the initiative in solving complex technical problems and identifying and rapidly pursuing appropriate strategies which deliver business benefit

• Create, design and develop solutions, and coordinate efforts with development teams, working within your implementation area

• Participate in the selection and incubation of emerging technologies and approaches in order to test whether they will enable the BBC to deliver its objectives and seize opportunities in a timely manner. Assist with solving business challenges through innovation, striving for improved predictability, performance, efficiency, effectiveness and elasticity

Are you the right candidate?

• Exposure to transformational change in multiple technology and organisation environments

• Experience of successfully leading projects which transform technology and business processes within your specialism

• Data and evidence-based approach to decision making with a creative and driven approach to problem-solving

• Able to convey complex information across multiple audiences, including senior and external partners. Communicate enthusiastically and motivate others by adapting your style to fit the audience

• Collaborative, generous and empathetic. Comfortable to deliver with and through others

• Dedicated to connecting across the organisation with an open approach and a willingness to adapt and change

• Aware of financial and business implications of your specialist architecture choices and alternatives

• Negotiating and conflict-handling skills to ensure the best outcome for the BBC in the face of complexity and uncertainty

Desirable

• Contributing to and influencing the development of area of specialism or industry domain

• Broadcast, production, start-up or media experience

• A mix of Public Sector and Commercial experience, particularly start up experience

• Participation in published documents within your area of specialism

• Successful academic background in your specialist discipline
Package Description

Band: E

Contract type: Permanent

Location: Glasgow

We’re happy to discuss flexible working. Please indicate your choice under the flexible working question in the application. There is no obligation to raise this at the application stage but if you wish to do so, you are welcome to. Flexible working will be part of the discussion at offer stage.

Excellent career progression – the BBC offers great opportunities for employees to seek new challenges and work in different areas of the organisation.

Unrivalled training and development opportunities – our in-house Academy hosts a wide range of internal and external courses and certification.

Benefits - We offer a competitive salary package, a flexible 35-hour working week for work-life balance and 26 days holiday with the option to buy an extra 5 days, a defined pension scheme and discounted dental, health care, gym and much more.

About the BBC

We don’t focus simply on what we do – we also care how we do it. Our values and the way we behave are important to us. Please make sure you’ve read about our values and behaviours in the document attached below.

Diversity matters at the BBC. We have a working environment where we value and respect every individual's unique contribution, enabling all of our employees to thrive and achieve their full potential.

We want to attract the broadest range of talented people to be part of the BBC – whether that’s to contribute to our programming or our wide range of non-production roles. The more diverse our workforce, the better able we are to respond to and reflect our audiences in all their diversity.

We are committed to equality of opportunity and welcome applications from individuals, regardless of age, gender, ethnicity, disability, sexuality, social background, religion and/or belief. We will consider flexible working requests for all roles, unless operational requirements prevent otherwise.

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