

You need JavaScript enabled to use this service.

Cookies on Civil Service Jobs

We use some essential cookies to make this website work.

To understand how you use Civil Service Jobs and improve the website we'd like to set some additional cookies.

Accept additional cookies

Reject additional cookies

Lead Technical Architect - AI/ML Operations

Met Office

Apply before 11:55 pm on Sunday 23rd February 2025



Reference number

391691

Salary

£52,799 - £56,000

A Civil Service Pension with an employer contribution of 28.97%

Job grade

Grade 7

Contract type

Permanent

Type of role

Architecture and Data
Information Technology

Working pattern

Full-time

Number of jobs available

1

Contents

[Location](#)

[About the job](#)

[Benefits](#)

[Things you need to know](#)

[Apply and further information](#)

Location

Exeter, South West England, EX1 3PB

About the job

Job summary

We're looking for an exceptional **Lead Technical Architect - AI Operations** to help us make a difference to our planet.

Job description

From **edge computing to supercomputing**, at the Met Office, we use a diverse set of cutting-edge technologies to drive our innovative projects. Our tech stack includes **Python** and **JavaScript** for a wide range of applications, from scientific computing to web development. Our cloud infrastructure spans **AWS** and **Azure**, where we embrace containerization using **Docker** and **serverless architectures** to ensure scalability and efficiency. Additionally, we are making ever greater use of **machine learning** and **artificial intelligence** technologies to enhance our weather and climate predictions. Join us to work with these exciting technologies and more, as we push the boundaries of weather and climate science.

To find out more about Technology at the Met Office, please take a look [here](#).

About the Met Office

From science to technology, from meteorology to management and from planning to communication, our expertise helps us to stand out as the authority on weather accuracy and climate prediction. We help individuals, industries and government to make better decisions to stay safe and thrive.

To find out more about the Met Office, please visit our [website](#).

As our **Lead Technical Architect**, the job may be suitable for hybrid working, which is where an employee works part of the week in the office and part of the week from home. This is a voluntary, non-contractual arrangement and the location advertised will be your contractual place of work.

Our opportunity is full time, 37 hours per week. Our people are at the heart of what we do and we'll do our best to agree a working pattern that works for everyone.

Your world of expertise

We are looking for an exceptional **Lead Technical Architect** to help us make a difference to our planet. AI Operations provides Met Office scientists and operational meteorologists the platform, tools, and expert guidance needed to do foundational AI research, develop valuable datasets, and then rapidly

pull-through to operations data-driven weather and climate services. You will lead the technical design and implementation of this platform.

Your key duties

Lead the technical and architectural design decisions for the AI Operations platform, to meet the requirements of Met Office research, development and operational AI workloads.

Provide leadership and influence within the Met Office community of technical architects to ensure that designed solutions integrate with existing operational systems and have a clear path to customer adoption.

Establish governance structures that assure the platform meets stakeholder, regulatory, security and financial requirements.

Evaluate vendors and partners to identify the most effective route to delivery.

Manage a team of DevOps engineers and key vendors/partner relationships to implement agreed solutions.

Person specification

We're looking for someone who meets the following Essential Criteria for this role;

1. Demonstrated experience designing and implementing well-architected cloud-based solutions that meet customer needs. (We're experts by nature)
2. Knowledge of how to run and manage a service to meet stakeholder, regulatory, security and financial requirements. (We live and breathe it)
3. An effective communicator with the ability to communicate technical information clearly and concisely to various audiences, including senior management, and to communicate with and influence others to deliver positive outcomes. (We're better together)
4. Knowledge of MLOps and emerging best practice to developing ML/AI services at pace, with confidence. (We keep evolving)
5. A track record of embedding a culture of continuous improvement into team working. (We keep evolving)

Benefits

Alongside your salary of £52,799, Met Office contributes £15,295 towards you being a member of the Civil Service Defined Benefit Pension scheme. Find out what benefits a Civil Service Pension provides.

Our work is life-changing, often lifesaving and always life-enhancing. The Met Office is accredited as a Great Place to Work UK 2023 and in addition has achieved a place on both the UK's Best Workplaces in Tech and Best Workplaces for Women lists.

As our **Lead Technical Architect** your **total reward package** will be up to **£79,530** annually, which includes:

£52,799 base pay

An outstanding Civil Service pension, with an average employer contribution of 28.95%

Recruitment Retention Allowance (RRA) you will be paid £7,000 per annum as a market supplement to reflect the demand for your skills. Whilst in post, you will be paid this market driven allowance from April 2024 until September 2025 in your monthly pay

Annual Leave starting at 27.5 days (plus Bank Holidays) rising to 32.5 days (plus Bank Holidays) after 5 years and option to buy or sell up to 5 days per year of annual leave

We offer a range of other great and useful financial and non-financial benefits. For more information about what we can offer you, please look [here](#)

Things you need to know

Selection process details

If you share our values, we'd love to hear from you! Click apply to begin your application. Please complete your career history and provide evidence against each of the essential criteria mentioned in the What You'll bring to the Role section in the supporting statement questionnaire.

We recommend candidates use the CARL (Context, Action, Result and Learning) method to help best demonstrate your experience and skills. When providing examples, you should include the context of the example, The action you took, what the result was and any learning you took from this example.

As leaders in embracing AI technology in many areas of our business, we encourage the use of AI technology to enhance your application. However, all information provided must be honest, accurate, and a true reflection of your skills and experience.

We suggest 300 to 500 words per answer to keep your response focused and impactful.

Closing date 23/02/25 at 23:59 with **first stage interviews commencing from 03/03/25**. You will hear from us once the closing date has passed.

How we can help

If you would like to better understand the organisation, the role or have any questions please contact us at careers@metoffice.gov.uk.

If you're considering applying and need support to do so, please get in touch. You can request adjustments either within your application or by contacting us. Should you be offered an interview, please be aware there may be a selection exercise which could include a presentation, written test or a scenario-based activity. You can select in your application to be considered under the Disability Confident Scheme. To be invited to interview/assessment under this scheme, your application must meet the essential criteria for the role.

We understand that great minds don't always think alike and as an equal opportunities employer we welcome applications from those with all protected characteristics. We recruit on merit, fairness, and open competition in line with the Civil Service Code.

We can only accept applications from those eligible to live and work in the UK - please refer to GOV.UK for information. We require Security clearance, for which you need to have resided in the UK for at least 3 of the last 5 years to

be eligible. You will need to achieve full security clearance within your first 6 months with us.

Feedback will only be provided if you attend an interview or assessment.

Security

Successful candidates must meet the security requirements before they can be appointed. The level of security needed is [security check \(opens in a new window\)](#).

[See our vetting charter \(opens in a new window\)](#).

People working with government assets must complete [baseline personnel security standard \(opens in new window\)](#) checks.

Medical

Successful candidates will be expected to have a medical.

Nationality requirements

This job is broadly open to the following groups:

UK nationals

nationals of the Republic of Ireland

nationals of Commonwealth countries who have the right to work in the UK

nationals of the EU, Switzerland, Norway, Iceland or Liechtenstein and family members of those nationalities with settled or pre-settled status under the [European Union Settlement Scheme \(EUSS\) \(opens in a new window\)](#)

nationals of the EU, Switzerland, Norway, Iceland or Liechtenstein and family members of those nationalities who have made a valid application for settled or pre-settled status under the European Union Settlement Scheme (EUSS)

individuals with limited leave to remain or indefinite leave to remain who were eligible to apply for EUSS on or before 31 December 2020

Turkish nationals, and certain family members of Turkish nationals, who have accrued the right to work in the Civil Service

[Further information on nationality requirements \(opens in a new window\)](#)

Working for the Civil Service

The [Civil Service Code \(opens in a new window\)](#) sets out the standards of behaviour expected of civil servants.

We recruit by merit on the basis of fair and open competition, as outlined in the Civil Service Commission's [recruitment principles \(opens in a new window\)](#).

The Civil Service embraces diversity and promotes equal opportunities. As such, we run a Disability Confident Scheme (DCS) for candidates with disabilities who meet the minimum selection criteria.

Diversity and Inclusion

The Civil Service is committed to attract, retain and invest in talent wherever it is found. To learn more please see the [Civil Service People Plan \(opens in a new window\)](#) and the [Civil Service Diversity and Inclusion Strategy \(opens in a new window\)](#).

Apply and further information

The Civil Service welcomes applications from people who have recently left prison or have an unspent conviction. [Read more about prison leaver recruitment \(opens in new window\)](#).

Once this job has closed, the job advert will no longer be available. You may want to save a copy for your records.

Contact point for applicants

Job contact :

Name : Resourcing Team

Email : careers@metoffice.gov.uk

Recruitment team

Email : careers@metoffice.gov.uk

