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Senior Developer

Met Office

Apply before 11:55 pm on Sunday 2nd February 2025

Met Office

Reference number

386632

Salary

£41,725

A Civil Service Pension with an employer contribution of 28.97%

Job grade

Senior Executive Officer

Contract type

Permanent

Type of role

Information Technology

Working pattern

Full-time

Number of jobs available

1

Contents

Location

Exeter, South West England, EX1 3PB

About the job

Job summary

We re looking for an exceptional Senior Software Developer in our Observations Research & Development (R&D) team to help us make a difference to our planet.

Your world of expertise

In the Morpheus team, as part of our Observations Research & Development Technology team, your contributions will directly impact global and national networks of sensors and instruments. These systems gather essential data, powering the Met Office s world-class forecasting models and cutting-edge research.

As a Senior Software Developer, you'll collaborate with a passionate and dedicated DevOps team, developing and maintaining systems that process and distribute vast amounts of critical data. You'll help create innovative tools that enable the Met Office to easily ingest, transform and distribute data from our own observing networks or data sourced from other providers of meteorological and climate data.

Working with exciting technologies like Python and AWS you ll be part of a collaborative environment, where you'll design and implement modern, cloud-based solutions, while building strong relationships within the Observations community.

World changing work

From science to technology, from meteorology to management, and from planning to communication, our expertise helps us 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. This is the Met Office. This is who we are.

We re a force for good - focusing on our environmental and social impact

We're experts by nature - always learning and developing to do things better

We live and breathe it - putting our purpose at the heart of decision-making

We're better together - understanding partnerships and inclusivity make us greater

We keep evolving - pushing boundaries to make tomorrow better for our customers

Job description

Your key duties

Collaborate: Guide colleagues to understand what needs to be built to enable product delivery. Plan and lead development on sets of related stories to meet these requirements.

Be an Expert: Understand the business domain and take technical ownership of the system. Champion best practices in software development and take responsibility for addressing technical debt and feature development. Share your knowledge by coaching and mentoring more junior colleagues.

Take Ownership: Operate the production services you build. Lead the investigation and resolution of complex technical issues, ensuring minimal impact on users and services and continually improving system robustness, resilience, and stability.

We operate an on-call roster to provide 24/7/365 support to respond to operational service requirements. This post may be part of an on-call roster and the postholder would be required to participate in an on-call roster where in operation.

Person specification

Essential Criteria, skills and experience:

The role is aligned to the <u>Government Digital and Data Profession Capability Framework for the Software Developer family</u>

1. **Modern development standards:** You have extensive knowledge of best practices in software development and system design. You have experience implementing best practices to improve the quality of the software produced. You can support others in adopting best practice.

2. **Programming and build (software engineering):** You can create high-quality, maintainable, and secure code. You have a good understanding of programming languages, frameworks, and tools. You can use these technologies to develop, debug, test and deploy secure, reliable, scalable, and performant applications and share that knowledge with others.

3. **User focus:** You can identify user requirements and deliver software that accurately meets users   needs. You understand how to identify user needs and the value of user research.

4. **Systems design:** you have experience of designing Cloud-based ETL systems capable of retrieving, transforming and storing data from a variety of real-time data sources.You can critically review the systems designs of others to ensure the selection of appropriate technology, efficient use of resources and integration of multiple systems and technologies.

5. **Systems integration**: You can design, build and test reliable interfaces between data-handling systems. You can make decisions based on an understanding of the system architecture.

Benefits

Alongside your salary of £41,725, Met Office contributes £12,087 towards you being a member of the Civil Service Defined Benefit Pension scheme. <u>Find out what benefits a Civil Service Pension provides.</u>

Why join us

Our work is life-changing, often life-saving 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 Software Developer - Observations R&D, your total reward package will be up to £58,419 annually, which includes:

- £41,725 base pay.

- An outstanding Civil Service pension, with an average employer contribution of 27%.

- Recruitment Retention Allowance (RRA) you will be paid £5300 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.

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.

This opportunity is full time, 37 hours per week, but we would also consider applicants wishing to work a minimum of 30 hours per week .

Additionally 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.

Things you need to know

Selection process details

How to apply

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 in the supporting statement questionnaire. We recommend candidates use the CARL method

(Context, Action, Result and Learning) for presenting evidence of experience and skills.

Closing date 02/02/2025 at 23:59 with first stage interviews commencing from 10/02/2025. You will hear from us once the closing date has passed.

How we can help

If you are considering applying and need support to do so, please contact us via careers@metoffice.gov.uk. 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

Please note this Post is NOT regulated by the Civil Service Commission.

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 <u>Civil Service Diversity and Inclusion Strategy (opens in a new window)</u>.

Apply and further information

This vacancy is part of the <u>Great Place to Work for Veterans (opens in a new window)</u> initiative.

The Civil Service welcomes applications from people who have recently left prison or have an unspent conviction. <u>Read more about prison leaver recruitment (opens in new window)</u>.

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