



Web Developer
British Trust for Ornithology

BRITISH TRUST FOR ORNITHOLOGY

'A WORLD INSPIRED BY BIRDS AND INFORMED BY SCIENCE'

BTO harnesses the skills and passion of birdwatchers to advance our understanding of ornithology and produce impartial science, communicated so that it can be of benefit to everyone.

OUR GOALS

BTO increases knowledge of birds and other wildlife, and their relationships with the environment and people, by:

- Enabling more people to learn about birds and science and grow through participation in environmental discovery.
- Delivering impartial, impactful and relevant science.
- Inspiring and empowering people with an understanding of birds and the importance of knowledge.

OUR PRIORITIES

We will reach our goals by:

- Providing more and better opportunities for people to contribute to our work.
- Monitoring the status of species, researching their ecology and understanding how they respond to change.
- Communicating great stories that bring to life the long-term data, information and knowledge that we hold.

OUR IMPACT

Our surveys, monitoring schemes and research programmes are designed by expert scientists to answer some of the most pressing questions affecting birds and their habitats. Because of our independence we are able to share our data, expertise and knowledge to inform decision-makers, educate the public and support conservation action. Our long-term datasets provide a measure of change and enable us to look for impacts and test solutions. Our vibrant volunteer network makes us highly effective and ensures that our work reflects the interests of those for whom birds and wildlife are important.

OUR FOUNDATIONS AND VALUES

The success of BTO is based on firm foundations that include: motivated and skilled staff and volunteers; a strong reputation; a robust business model and effective governance systems and processes.

We are:

- Inclusive and supportive
- Impartial
- Passionate
- Collaborative and open to new ideas

BTO is a Registered Charity Number 216652 (England & Wales), SC039193 (Scotland).



WEB DEVELOPER

The post-holder will play an important role in the technical development of the BTO's suite of websites, intranet and supporter database interface. This includes undertaking updates and patching to the website content management system modules and custom PHP code, custom module development, defining types of content and constructing how they are dynamically presented..

WHAT YOU WILL DELIVER

Identify, plan and deliver new or revised functionality via the use of templates, pre-processes and custom PHP development, implementing hooks and functions of the Drupal CMS API. .

Undertake upgrades and patching to website CMS modules.

Carry out ongoing technical development, integration (with website) and deployment processes for BTO's CRM supporter database.

Maintenance and technical development of BTO's Drupal-based Intranet platform

To contribute to the planning and development of new types of website content.

To move database-stored settings and functionality into code to allow version control.

Cover other members of the website team during periods of absence, maintaining communication with website stakeholders and editors regarding projects in progress and supporting the production of website content.

Produce technical documentation for custom code.

To stay informed about and practice recognised secure coding standards.

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WHAT YOU WILL BRING TO THE INFORMATION SYSTEMS TEAM

Essential

Coding experience, gained in either employment or education, with a working knowledge of PHP and JavaScript.

An understanding of secure coding principles.

Competent understanding of HTML 5, CSS and best practice for constructing semantic web content.

Being well-organised, especially regarding technical documentation and logging code changes.

Demonstrable willingness, interest, and aptitude to learn new technologies and skills.

Ability to work effectively on own initiative, individually and within a small team.

The ability to communicate well and support the needs of other staff within the organisation, and external users of our websites and applications – to be able to politely discuss technical issues in understandable terms.

Desirable

Comfortable working in a Linux and Windows environment, with an emphasis on hand-coding and command line operations.

Experience of building sites and developing custom functionality with web content management systems, ideally

with some experience of using Drupal 6, 7 or 8, and their respective APIs

Managing web applications using version control (specifically GIT).

Confident using command line tools to optimise maintenance and code deployment (such as Composer, Drush to manage Drupal site tasks).

Knowledge of coding MySQL queries, reading to, writing from and amending database tables.

Experience of using SOAP, AJAX or JSON to deliver dynamic web services.

Experience of using caching technologies to optimise website performance.

Desktop design experience – comfortable creating simple graphic assets and image processing.

Active engagement in the developer community, keeping informed on best-practice, and contributing code to open-source projects.

Some interest or active engagement in conservation or science generally, and ornithology specifically.

If you don't have the experience outlined in the job description but think this might be the role for you then please do get in touch to discuss.

WEB DEVELOPER

FIND OUT MORE ABOUT THE ROLE

For an informal chat about the position please contact William Skellorn (01842 750050 or william.skellorn@bto.org).

SALARY AND BENEFITS

This is a full-time (37-hours per week), permanent position.

Salary is £26,281 rising to £29,201 over 2 years (this includes a 7% market force supplement).

Annual leave entitlement on starting is 25 days plus bank holidays.

The post holder will qualify for life assurance (four times salary) and be automatically enrolled in the BTO group personal pension scheme, benefiting from an 11% employer contribution.

The post will be based at BTO, The Nunnery, Thetford, Norfolk IP24 2PU.

MAKING AN APPLICATION

If you have what it takes then we look forward to hearing from you – send your completed application form with a CV to Sian Knott via jobs@bto.org stating the job title in the subject line.

Closing date for receipt of applications is 1pm on 11 July 2018.

It is anticipated that interviews will be on 17 July 2018 in Thetford, at the BTO, IP24 2PU.

If you have a disability or long-term illness that otherwise prevents you from meeting any of the essential criteria, please contact us to discuss whether a reasonable adjustment could be made.