

JOB DESCRIPTION

ROLE TITLE	Geographic Information System (GIS) Specialist
COMPANY	TerraQuest Solutions Limited
DEPARTMENT	Solutions
REPORTS TO	Head of Software Engineering
DATE	18/08/2023

Role Summary

Due to a period of sustained growth, we are looking to hire a GIS specialist to join our Birmingham office.

Working in a team of GIS specialists alongside our test and service desk teams developing and supporting the submission of online applications and the spatial enablement of data to meet a breadth of business requirements.

Looking to develop a career in an environment that has engaged both waterfall and agile methodologies with core principles following a blend of these to enable swift development within a structured framework.

Gaining knowledge and experience in working on the enhancement of one of the UK 's major web-based application process solutions amongst many other spatially enabled solutions and looking to develop your experience of solutions with responsive design at their centre.

Role Responsibilities

- Working with geographical information systems, standards, technologies, and data
- Transform spatial data between different data sources and/or formats
- Work as part of a team to maintain and manage spatial data
- Performing spatial analysis to address business questions and requirements
- Developing new solutions using spatial data
- Style and Theme data for presentation by the modern web mapping application
- Support legacy spatial data and software
- Provide knowledge and expertise to the rest of the development team
- Keep up to date with the latest Geo-Spatial technologies

Qualities and Skills required.

Must-haves:

- Working Knowledge of GIS and spatial data
 - Including Vector and Raster data
 - Understanding of the OGC standard
 - Familiarity with commonly used spatial data formats (Shapefiles, GeoJSON, GML, ...)
- Ability to transform spatial data between different data sources and/or formats
- Experience using Desktop GIS Tools and packages
- Knowledge of Web Mapping Services

- To Serve Spatial data to the web mapping application

Nice-to-haves:

- Experience with SQL Databases
- Knowledge of a Programming language
- Knowledge of working with FME
- Knowledge of GeoServer
- Knowledge of Azure cloud technology
- Working as part of an Agile team

Non-technology:

- Must be a team player
- Should have previous experience working in an agile software development team to deliver solutions into a production-ready state
- Should be able to take ownership of ticket/user story from planning to presentation
- Should be DevOps aware

In return, you will receive a competitive basic salary and a generous benefits package. Please apply for more information

This description reflects the core activities of the role but is not intended to be all-inclusive and other duties within the group/department may be required in addition to changes in the emphasis of duties as required from time to time. There is a requirement for the post holder to recognise this and adopt a flexible approach to work. Job descriptions will be reviewed regularly and where necessary revised in accordance with organisational needs. Any major changes will be discussed with the post holder.