

JOB DESCRIPTION



Title: Geospatial Manager

Reports to: Head of Technology

Responsible for: GIS Analyst

Office location: Agilysis HQ, Banbury

Job Purpose

This role requires the post holder to lead the companies geospatial analysis, consultancy and product portfolio. The position sits within the 'Technology' team but will require significant support for, and collaboration with our 'Consultancy' department on new areas of research for our clients in the UK and globally. The GIS Manager will be responsible to the design, maintenance and delivery of solutions to clients using our ArcGIS Online platform, sometimes directing internal resources and often working alongside others on data acquisition and processing. Their expertise in geospatial analysis will help support bespoke projects for clients, carrying out analysis of a variety of new or existing datasets to deliver insight. Working alongside the 'Commercial' team, they will help to improve our products by working with clients and future customers to understand their needs and explain how our solutions suit their requirements.

Key Responsibilities

Product management and delivery

- Manage the Agilysis ArcGIS Online platform, taking responsibility for ensuring all data and applications are managed and maintained, whilst pursuing potential new technologies to improve delivery to clients.
- Working with other team members, develop and maintain a data strategy to support our online tools, ensuring they are delivered rapidly and updated regularly.
- Manage specific geospatial databases and pipelines to support delivery of products and services throughout the business.
- Manage the process of delivering technical updates and major revisions to existing products using a clear planning process.
- Lead on the development of new, or bespoke online solutions for clients, considering appropriate technologies and platforms as required.
- Monitor budgets for GIS technology, reviewing costs for subscriptions and data to support financial and commercial planning.
- Provide support for clients in direct meetings, as well as through the preparation and management of support resources including technical guides, FAQs, and video walkthroughs.
- Assume the position of lead Esri contact within the business, hold regular meetings with the Esri partner support team, and learn from others who are using the platform.

Geospatial analysis and data

- Lead on all matters of geospatial analysis for the company, exploring new methods and techniques to analyse and interpret a wide variety of data.
- Undertake complex GIS analysis tasks using appropriate software to deliver insight for bespoke analysis and research projects.
- Manage and prepare GIS data for ad-hoc projects and research then produce visualisation, charts and other outputs which can be communicated to clients in formal reports and meetings.
- Liaise with clients to ensure a clear project brief has been provided and follow internal practices for ensuring work is managed on time and on budget.
- Working with others, manage geospatial data acquisition from commercial partners and suppliers as well as open data sources to create a data catalogue.
- Manage our relationship with Ordnance Survey, ensure that appropriate products are licenced and that clients have completed the appropriate documentation

- Lead the delivery and analysis of data from connected vehicles including TomTom, for whom we are a distributor.
- Provide expert advice to internal staff on geospatial approaches and technologies; supporting, coaching and mentoring team members where required.

Other responsibilities

- Undertake day-to-day supervision and training responsibilities for the GIS Analyst.
- Work alongside members of the 'Commercial' team to understand client needs through the running of workshops, surveys and demonstrations.
- Contribute to the production of Agilysis blogs, news articles, and whitepapers promoting our work in geospatial analysis.
- Attend conferences and events to improve knowledge and understanding of this specialism, and also represent Agilysis where we are playing an active role in an event.
- Engage with the whole team, and specific management groups, to ensure the business continues to operate effectively in line with company goals.

Scope and Scale

This post sits within the Technology department managing delivery of products on existing platforms. There will be significant collaborative working with team members who use GIS data and outputs for consultancy services, as well as close working with our data science specialists. You will direct the work of the GIS Analyst to maintain, develop, and grow a suite of impressive analytical products for our clients. There will be substantial opportunities to develop analytical, technical, and professional skills and knowledge. Our domain is most commonly road safety, although any information relating to traffic, the road environment, populations and other spatial data is used to build our solutions.

Performance Expectations

The post holder will be appraised by their supervisor and will be responsible for delivery of Agilysis products and ad-hoc projects as they arise. They will exhibit a significant degree of autonomy and be able to work without guidance in accordance with agreed policies and procedures.

Approval & Review

Signed: 

Date: 30/07/2024

Post approved by: Richard Owen

This job description is due for review on: 01/09/25

Job Description

Agilysis Limited

A company registered in England

Company registration number: 10548841

VAT registration number: 260 4741 19

Directors: D Campsall, R Owen, B Walton, K Batchelor, T Fosdick

Registered Office: 27 Horse Fair, Banbury, Oxfordshire, OX16 0ES

Title: GIS Analyst

Business Competencies

Scale 0 - 4	Expected level of competence
Strategy and planning	3
Commercial awareness	3
Service provision (contract management, accounts, etc)	3
Leadership and initiative	3
Changing and improving	3

Education, Training & Qualifications

Scale 0 - 3	Expected level of competence
Educated to GCSE level or equivalent	3
Educated to A-Level or equivalent	3
Relevant University degree	2
Relevant professional qualification or certified training	2

Key Competencies

Scale 0 - 4	Expected level of competence
Collaboration and communication skills	3
Organisational and time management skills	3
Ability to implement procedures and processes	3
Microsoft Office Suite and basic IT literacy	4
Flexible working	2
English language skills, both written and verbal	2

Administration (Contracts, appraisals, Ts & Cs, general paperwork/documentation, etc)	2
Full driving licence and use of a car*	2

*Scale 1 - 3

Management Competencies

Scale 0 - 4	Expected level of competence
People	3
Projects	3
Finance	2
Change	4
Risk	3

Knowledge and Skills

Key Experience and Knowledge	Essential Skills
Deploying and managing ArcGIS Online applications and data	Desktop GIS tools such as ArcGIS Pro, QGIS
Supporting bespoke geospatial analysis research	Geodatabase management and SQL
Advanced GIS analysis using multiple data sources	ArcGIS Online solutions including Experience Builder, Operations Dashboard
Managing product development using defined processes (Agile, Kanban, Waterfall, Scrum)	Desirable Skills
Writing user guides and providing support through forums and user groups	Other programming or data science languages e.g. HTML, CSS, Python, R
Good working knowledge of key productivity applications plus project management tools	Cloud computing and storage such as AWS, Azure

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Date: 30/07/2024

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