JOB DESCRIPTION – GIS Specialist

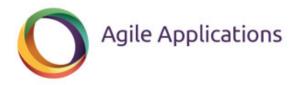| Role Title:	Software Developer - GIS Specialist
Department:	Software Development Team
Reporting to:	Head of Software Development
Salary Range:	€30k to €40k depending on attitude, experience, skills and knowledge
Job Purpose:	You will initially be a member of the software development team; you will be responsible for software development within the GIS team. You will be supporting the GIS Team Leader and reporting to the Head of Software Development. Helping to build and maintain the software code for the GIS solution. Ensuring that it will meet the stated customer requirements, technically and commercially.
Location:	Malaga, Spain (work remotely due to Covid-19)

Qualifications, skills and knowledge required
Essential   - Agile methodology understanding and working within and Agile environment historically   3-5 years' experience in software engineering   - experience in helping to developing GIS solutions under an Azure Cloud umbrella   - Experience in creating, publishing, and managing map services   - Previous experience working with the libraries: GDAL, DotSpatial, OpenLayers and / or Leaflet   - Knowledge of Microsoft Technologies in .NET and Web Apps (jQuery, AngularJS, ExtJS or similar)   - Experience working with GIS data sources such as PostGIS, SQL Spatial or similar   - Current understanding of best practices regarding system security measures   - Understanding of design patterns and application levels   - Understanding of accessibility standards.   - Cross-browser coding skills   - Able to easily pick up and follow required design guidelines for a development project. These may differ between applications and product releases.   - Be aware of common industry standards and coding best-practices within your disciplines and apply them as required.   *Desirable*   - Experience of working with Use Cases   - Knowledge of XML (including XSDs, with XSL and xpath also desirable).   - Knowledge of API development and SOA like architecture.   - SQL Server.   - Complex SQL (sometimes required).   - Some database knowledge / skills including table design, denormalisation, stored procedures, indexes, triggers, referential constraints

- Previous GIS Development experience
- Microsoft certification
- Have experience with at least one of the suites of software released by one of the major GIS suppliers such as Esri, MapInfo or similar

Skills

- Ability to communicate effectively in verbal and written forms to address both technical and consultative audiences
- Good analytical skills in understanding requirements to building the software to meet them
- Good interpersonal skills, able to interact and collaborate effectively, to support colleagues
- Strong organisational skills with the ability to manage tasks simultaneously
- Able to deliver to deadlines and under sudden pressure, maintaining accuracy and attention to detail.
- Able to work independently, but with flexibility, and remain part of the team.
- A passion for technology
- A desire to learn and continually develop.
- Demonstratable troubleshooting skills, including analysis and problem solving within software development scenarios
- Self-motivated team player with a strong attitude for taking responsibility
- Ability to analyse system and software log files
- A methodical and consistent approach to reproducing software defects
- Good written and verbal communication skills (English)
- Good interpersonal skills, able to interact and collaborate effectively, to support colleagues and to deal with customers.
- Strong organisational skills with the ability to manage tasks simultaneously.
- Good keyboard skills and demonstrated proficiency with word processing, databases and spreadsheet packaged and relevant languages
- Able to deliver to deadlines and under sudden pressure, maintaining accuracy and attention to detail.
- Able to work independently, but with flexibility, and remain part of the team.
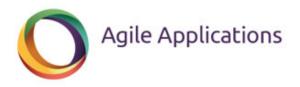- Able to demonstrate well developed coping strategies.

ATTITUDE & PERSONAL ATTRIBUTES

Must have the right attitude, these listed are only examples and should be adjusted and enhanced as required.

A desire to improve, a work ethic that delivers on time, slightly exceeding expectations. The drive to succeed and help the business achieve its goals. A determined person who has a "can do", self-motivating mindset.

Is on time all the time.

Demonstrably bright and intelligent, this is not just about education or qualifications it is an inquisitive mindset to find out and make a difference.

Enthusiastic and positive in how they approach the work they do and influence others around them positively.

Respect up, down, left and right with colleagues and customers alike.

The right attitude can never be compromised on, someone with the right attitude is mandatory, we might be able to compromise on the Skills, Experience or Knowledge for a role, but never on this section.

Creative approach to problem-solving with the ability to focus on details while maintaining the "big picture" view.

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This Job Description is not intended to be restrictive and should be taken as the current representation of the nature of the duties involved in your job and needs to be flexible to cope with the changing needs of the job and Agile Applications Ltd.