Position Description - Senior Esri Technical Consultant

August 2018

Reporting To:

<u>Primary Project Reports</u>:   Solutions Managers, Technology Manager

<u>Secondary Reports</u>:   Directors / Account Managers

Liaise with:

<u>Projects</u>:   Technical Leads, Solutions Architects, Developers, Senior Project Managers, Account Managers

<u>Product Support</u>:   Directors, Solutions Managers, Account Managers

The job

To primarily be a Senior Esri Technical Consultant to assist with the creation of solutions for GBS clients. GBS provide tailored solutions that leverage the Esri GIS platform.

Main purpose

- To design, develop, implement, test and support GBS solution projects
- To create technical documentation relating to projects or solutions developed by GBS
- Other non-development projects and general GIS Consultancy
- To provide support on GBS products, solutions and other implementations
- To provide technical support to the rest of the team as required
- To provide technical support to GBS marketing efforts as required.

Principle accountabilities

- Develop and create solutions to a high standard
- Develop and create solutions to the agreed specifications / scope
- Provide estimates / costings to implement GBS solutions for our clients
- Write and assist with proposals, specifications, detailed design and other post-project technical documentation
- To assist with solution design as required.

Key performance indicators

- Achieve minimum of 75% chargeable time
- Complete projects on time and to budget
- Work to a high standard always
- Accurately track and record all time into the GBS time tracking system (LogIt)
- Accuracy in documentation and attention to detail
- Comply with project management and reporting requirements as necessary and comply with policies and processes
- Defect free project delivery
- Ability to pay attention to detail but also to see the bigger picture with respect to client requirements

- Ensure development tasks are kept within project scope
- Appropriate Esri certification as required or as directed by senior staff / directors.

The Environment

- Professional and social office environment (Mt Wellington, Auckland)
- Innovative company
- Part of an existing team of GIS professionals that delivers world class solutions.

Professional Attributes

- Ability to work with clients and understand and assist Business Analyst's to document their needs
- An understanding of industry standard best practice in Software Development and design with a view to developing these skills into the future
- Experience and knowledge of the Esri platform and architecture is necessary
- An understanding of and experience using Esri best practice
- Effective time management, planning and organisational skills
- Excellent written and verbal communication skills
- Recognised tertiary qualification directly relevant to GIS and computer science and software development
- Experience with the some or all of the following:
  - Esri Server, Desktop and other Esri applications (e.g. Collector, Survey 123 etc)
  - Frameworks such as Angular, React, Leaflet, Bootstrap and the Esri JS API
  - Python, C#/.Net/.Net Core, ASP.Net (MVC), Node, JS
  - SQL DB (SQL Server, Oracle, PostGIS, PostGreSQL)
  - MS Office
  - Project Management Software (Ontime – will be taught if necessary)

Relevant experience

Necessary

- o At least 10 years commercial experience in Esri and/or software development, solution and /or enterprise architecture
- o Knowledge of the Esri platform
- o Esri solution design experience

Highly Desirable

- o Recognised tertiary qualification directly relevant to GIS e.g. geography, surveying, computer science.

Competencies

- Adherence to general I.T. and software development best practices
- Experience working in a team environment
- Excellent problem solving skills – with the ability to adapt in a fast-moving industry
- A team player with the ability to act independently and autonomously
- Ability to work calmly and effectively under pressure whilst still producing quality work.

Entrepreneurial qualities

- Enthusiasm
- Motivated
- Self-starter
- Fast learner

Communications skills

Written and Verbal skills

- o Listening and comprehension skills
- o Advocacy skills
- o Concise, accurate and literate documentation in English
- o Ability to communicate effectively with clients and co-workers.

Self-management skills

- Manage a heavy operational workload in an organised manner and be aware of other team members' workloads and provide assistance where necessary
- Attention to detail
- Deliver on key performance indicators
- Ensure excellent documentation and attention to process
- Self-management in time and promote this skill and others
- Ability to apply systems and follow processes

Character attributes

- Honesty and integrity in dealing with others
- Proactive and energetic
- Results focused
- Able to develop, implement and maintain effective relationships
- Ability to focus on the needs of the customer/organisation/etc.
- Ability to work to a high standard as GBS requires
- Social.