

Position Description

Senior Esri Technical Consultant / Esri Solution Architect - October 2019

Reporting To:

Reporting To: Solutions Managers, Chief Technology Officer, Account Managers / Directors

Liaise with:

Projects: Technical Leads, Solutions Architects, Developers, Project Managers, Business Analysts, Account Managers, Clients

Marketing: Directors

Product Support: Directors, Solutions Managers, Account Managers

The Role

The Senior Esri Technical Consultant / Esri Solution Architect role at GBS is a senior role and utilises your varied skillset and experience in the GIS and spatial sciences field. In particular, the role requires deep experience with the Esri brand of GIS Software products and services. Experience with utilities (electricity, gas and water) would be highly valued in this role, but not essential.

The role would suit an experienced Esri technical consultant wishing to get more solution architecture skills or an established Esri solution architect looking for a varied and challenging role with one of New Zealand's leading Esri solutions providers.

Main purpose of the role

- To design, develop, implement and support GBS solution projects
- To create technical documentation relating to projects or solutions developed and implemented 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.
- To provide GIS Technical Advisory, GIS consultancy, including on-site GIS consultancy, in support of the research and development of proposed GIS projects and services as required. This will include technical Esri support in support of our customers business units, their GIS Technicians and their production of geographic products and services.
- Solution architecture, solution design, wireframes and cost estimates.
- To liaise and collaborate with the clients to achieve the best outcomes with respect to Esri and GIS

Principle accountabilities

The principle accountabilities and at times the coordination of staff involved with the activates are as follows:

- Design and architect and create solutions to a high standard
- Design and architect 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
- Have detailed knowledge of the Esri platform generally to be able to deliver appropriate solutions and advice
- GIS technical advisory for clients
- To assist where necessary with requirements gathering (for example, researching GIS related business issues and solutions, conducting workshops and working with client Subject Mater Experts) for projects and programs of work relating to geographic products and services including cost estimation (in conjunction with technical resources)
- Production of agreed detailed functional specifications for development and test teams to use as part of their work to develop geographic products and services.
- Write and assist with proposals for new clients and projects (in conjunction with senior technical resources and Account Managers) related to the development of geographic products and services
- To work with clients, Solution Architects and Senior Developers to facilitate geographic solution design as required
- Produce and assist with GBS demonstration tools for marketing purposes

- Contribution to and participation in implementing or improving new processes
- Providing technical support to GBS marketing efforts as required including assisting with building case studies

Key performance indicators

- Achieve minimum of 75% chargeable time
- Complete projects on time, to budget and to scope
- Work to a high standard at all times
- Accurately track and record all time into the GBS time tracking system (LogIt) and the GBS project management software, OnTime.
- Accuracy in documentation and attention to detail
- Comply with project management and reporting requirements as necessary
- Assisting where appropriate, the delivery of projects that are as much as possible, defect free or meets the clients' acceptance criteria
- Ability to pay attention to detail but also to see the bigger picture with respect to client requirements and the wider strategic imperatives that may impact on GBS
- Ensure development tasks are kept within project scope
- Appropriate Esri certification as required or as specified by senior staff / directors

The Environment

- Professional and social office environment (Mt Wellington, Auckland)
- We'd prefer that you were co-located with our team in Mt, Wellington in Auckland however, for the right person, it may be possible for you to work from another part of New Zealand.
- Innovative company
- Part of an existing team (23 and growing) of GIS professionals.

Professional Attributes

- Esri Platform experience

- Implementing, maintaining, designing and building solutions using Esri's ArcGIS Server/Desktop tools/mobile/Web including ArcGIS Online and Portal for ArcGIS / Cloud and on-premise
 - A high level of experience in the Utilities space is desirable
 - Implementing, maintaining, designing and building solutions using ArcGIS applications like Collector for ArcGIS, Survey 123 for ArcGIS, Operations Dashboard for ArcGIS, Insights for ArcGIS, and also Web AppBuilder for ArcGIS
 - Some knowledge and experience in one or more of Python, C#/.Net/.Net Core, ASP.Net (MVC), JavaScript (and frameworks) is also desirable.
- SQL DB (SQL Server, Oracle, PostGIS, PostGreSQL)
 - Project Management Software (OnTime – will be taught if necessary)
 - You can understand business needs, interpret ideas and present solutions
 - You understand industry standard best practices in Esri Solution Architecture and Design, and Esri implementation
 - Ability to engage with our clients and GBS staff at multiple levels
 - Effective time management, planning and organisational skills
 - Excellent written and verbal English communication skills
 - Microsoft Office
 - Project Management experience

Relevant experience

Necessary

- At least 10 years' commercial experience in the GIS industry
- At least 7 years' commercial experience with Esri
- Understanding of the software development life cycle including Waterfall and Agile methodologies and with a view to developing these skills in the future
- Strong communications, analytical and management skills and be able to liaise seamlessly between business and technical contributors internally and externally
- Excellent knowledge of the Esri platform as well as generating Enterprise, Solution and Application level architectures within the Platform
- Excellent knowledge of security (patterns and practices) for the Esri platform

Highly Desirable

- Experience within the utilities space (i.e. electricity, gas, water)
 - Recognised tertiary qualification directly relevant to GIS e.g. geography, surveying, computer science
 - Relevant Esri certifications
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Personal Attributes

Competencies

- Adherence to general I.T. and software development and Solution Architecture best practices
- 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 plan work and tasks effectively
- Experience working in a team environment
- Exceptional interpersonal and communication skills
- Confidence to present and host workshops internally and for our customers
- Ability to work effectively with clients to deliver value and results, where clients may challenge our methods, designs, communications and outputs.

Entrepreneurial qualities

- Enthusiastic
- Motivated
- Self-starter
- Fast learner

Communications skills

Written and Verbal skills

- Listening skills
- Advocacy skills

- 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
- Ability to apply systems and follow processes

Character attributes

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