Position Description:
Developer / Senior Developer

September 2023

Reporting To:

<u>Reporting To</u>:	GBS NZ Directors, Chief Technology Officer

Liaise with:

<u>Project Teams</u>:	Technical Leads, Solutions Architects, Developers, Project Managers, Business Analysts, Account Managers, Clients.
<u>Product Support</u>:	Directors, Account Managers, Solution Managers, Delivery Leads.

The Opportunity

GBS is leading provider of consultancy services (with a location intelligence focus). We have existing customers, and opportunities emerging, where customers wish to take a more enterprise application development approach (combined with agile practices) to the development of their solutions.

We are seeking a Developer / Senior Developer to work with our existing team of professionals. Development is usually, but not always, on top of the Esri GIS Platform. Knowledge of the Esri SDK's is highly desirable. While there will be opportunities for server-side development (using .NET), the role will primarily be development solutions using JavaScript or Esri frameworks such as Experience Builder.

This person could either come on board as a full-time employee, a contractor, or a contractor looking towards full-time if appropriate.

In return, GBS can offer you:

- The opportunity to hone and develop your skills
- Learn new skills (such as Location Intelligence or other development frameworks and languages if applicable)
- A supportive and team-oriented work environment
- A great social atmosphere
- A flexible work from home policy
- A competitive remuneration including a training budget.

Our office is in Auckland (Mt Wellington), and an Auckland based candidate would be ideal. However, the role could be filled by a candidate that lives anywhere in New Zealand.

Main purpose

- Develop software using modern software engineering principles and methodologies (for example SOLID, AGILE, KISS, DRY)
- Participate in the design, development, implementation, testing and supporting of reliable and maintainable GBS products and solutions
- Participate in a culture of continuous improvement and knowledge sharing
- Develop an understanding of the business (GBS and our clients)
- Provide support on GBS products, solutions, and other implementations
- Provide technical support to the rest of the team as required.

Key performance indicators

- Demonstrate a continuous improvement mindset
- Ability to pay attention to detail but also to see the bigger picture with respect to client requirements
- 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
- Ensure development tasks are kept within project scope.

The Environment

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

Professional Attributes

- Ability to work with as part of a team or individually as required

- The ability to pragmatically investigate and diagnose complex technical issues

- An understanding of industry standard best practice in software development and software engineering and design

- Effective time management, planning and organisational skills

- Outstanding written and verbal communication skills

- Be a perpetual learner and show a keen interest in new tools and technologies

- Show a high standard of professionalism

- Recognised tertiary qualification directly relevant to information systems, computer science and software development.

- Experience with some or all of the following:
  - Python, C#/.Net/.Net Core, ASP.Net (MVC), Node, JavaScript (Esri JS API), TypeScript, Esri Experience Builder, Arcade
  - Frameworks such as Xamarin, Angular, React, Leaflet, Bootstrap.
  - SQL DB (SQL Server, Oracle, PostGIS, PostgreSQL)
  - Elastic Search (including Kibana)
  - Docker
  - Azure Dev Ops, TeamCity and Jenkins
  - Git
  - Datadog
  - AWS/Azure
  - Microservices architecture
  - Jira and Confluence
  - Trello

- Any experience with the following Esri GIS technology would be highly desirable:
  - ArcGIS API for JavaScript 4.x
  - ArcGIS API for Python
  - ArcGIS Experience Builder or ArcGIS Web AppBuilder
  - Arcade
  - ArcGIS Online and / or Portal for ArcGIS
  - ArcGIS Pro
  - ArcGIS Enterprise

- Experience with considering and contributing to improvements to automated test coverage where applicable

- Experience in solution design and solution architecture would also be desirable, but not required.

Relevant experience

Necessary

o At least 3-5 years commercial experience in full stack development and/or software engineering

o Experience with Agile methodologies, in particular SCRUM.

Competencies

- Adherence to general I.T. and software engineering and 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
- Excellent verbal and written communication skills (English).

Entrepreneurial qualities

- Enthusiasm
- Motivated
- Self-starter
- Fast learner.

Communications skills

Written and Verbal skills

- Listening and comprehension skills
- Advocacy skills
- Concise, accurate, and literate documentation in English
- 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.