



## **Geospatial Developer - Closes July 24, 2019**

[HARTerra](#) Spatial Solutions Ltd. is seeking a Geospatial Developer to be part of our team in the West Kootenay region of BC. The right candidate is someone who is a born problem solver and can provide system development support for our clients' geospatial system implementations while supporting analysis, visualization, data maintenance and management projects. It is important that they be able to guide us on best practices, helping to develop the skills and knowledge of the team.

We are looking for the following skills, abilities and experience:

- Strong knowledge and proven ability to work with esri tools including:
  - ArcGIS Desktop software including ArcMap, ArcGIS Professional, ArcCatalog and ArcScene
  - ArcGIS Enterprise/ ArcGIS Server / Portal and ArcGIS online
  - Geoprocessing using model builder and Python
- Experience with implementing REST, SOAP or other web services.
- Experience with cloud-based environments including Amazon Web Services (AWS) or Microsoft Azure.
- Knowledge of various server-side Web Application Frameworks (e.g., Django, Flask, Ruby on Rails, PHP, ASP.NET, Node.js).
- Experience using a front-end framework and libraries such as Angular, Bootstrap, jQuery, Dojo, Vue or React.
- Knowledge of database systems including:
  - Relational database systems such as MS SQL Server, PostgesSQL and Oracle
  - Advanced SQL
  - Database proprietary procedural languages such as T-SQL or PL-SQL
  - Other database systems such as MS Access, SQLite
- Knowledge of the geospatial database systems such as ArcGIS Enterprise, PostGIS, SpatialLite or Oracle Spatial
- Knowledge of advanced web development and GIS web application development frameworks including:
  - HTML5 (HTML/CSS/javascript)
  - Esri javascript API and Web App Builder
  - Leaflet, OpenLayers, Google Maps Javascript API
  - Geocortex essentials
- Ability to develop applications, tools and utilities using modern software development tools such as Python, Javascript/ Typescript, C#.NET, Java, C/C++.
- Experience with Schneider Electric ArcFM is an asset.
- Knowledge of systems development life cycle.
- Knowledge of information system project management methods include Agile.
- Proven ability and knowledge on the use of version control systems such as GIT, Subversion, or Visual Source Safe.