

InNovo is looking for a Developer to join the company's growing team. The Developer has the responsibility for development and support of critical applications and data handling within the portfolio of custom-developed and third-party business solutions. This role is focused on the design, development, testing, maintenance and support of software applications used by internal and external clients. In this role, successful collaboration with external and internal partners is also required. The ideal candidate will have 3 to 7 years of experience in application development, knowledge of multiple coding language, data analysis, experience working with datasets of various formats, experience with web development, and a solid Agile/Scrum practices background. He or She is a highly innovative, organized, detail-oriented and self-starter who enjoys being hands-on in creating and developing a vision with the customer. He or she will also be responsible for translating business needs from systems requirements to solutions or application development, and vice versa, with current programs, projects and initiatives in mind.

Job Responsibilities:

- Providing technical leadership in software quality, maintainability and extensibility using best practices in design, coding, unit and integration testing
- Ensuring that best practices in version control, source code and configuration management are followed by internal team members and third-party partners, as applicable
- Interpreting business requirements and defining and documenting technical requirements, guiding solution architecture and design
- Create comprehensive in code and project related documentation
- Strong background in coding
- Strong background in data analysis
- Development knowledge of SharePoint
- Knowledge of Tableau or other data visualization tools and environment
- Design and build server-side components that seamlessly run on-premises and on cloud platforms
- Work on solutions for spatial-temporal data access and management of large datasets that are persisted in a database or distributed file system
- Find, analyze, and fix bugs/performance problems whenever and wherever they occur
- Ability to work independently and in groups to effectively participate in the software development life cycle
- Practical Experience working Source Control management products like TFS
- Integrating applications and performing data migrations
- Proactively communicating with clients to achieve excellent customer service

Education:

- Bachelor's Degree in Computer Science, Mathematics, or a related field preferred
- GISP, Agile, Microsoft or other related certifications, a plus

Experience:

- Experience with all phases of the software development lifecycle
- Experience with computer vision development is a plus
- Experience in Machine Learning
- 3+ years of job-related experience with relational databases such as MSSQL Server. Unstructured data is a plus

- 2+ years of Data Mining Experience.
- 1+ year of Computer Vision is highly desirable
- Deep knowledge of T-SQL and SQL administration a definite plus
- 3+ years of job-related experience building applications with the .NET framework using C#, C++, NodeJS, JavaScript, Python, Ajax, CSS, HTML, Visual Studio, XML, HTML5, CSS, Python, ArcGIS, ArcGIS Server, Arc GIS Online, or QGIS
- Good understanding of cloud computing platforms and services such as Amazon S3, SQS, EC2 and Azure services such as Blob Service, Table Service, etc.
- Strong knowledge of user interfaces
- Strong knowledge of HTML technologies and web frameworks
- Good understanding of Java design patterns
- At least one year of experience using and developing applications with JavaScript toolkits and UI libraries (such as Dojo, Ext JS, YUI, etc.)
- Experience with AJAX, JSON, REST
- Experience developing web applications using ArcGIS API for JavaScript or other JavaScript mapping APIs
- Prior experience building spatial/mapping applications or software components
- Experience developing code in a popular Java IDE, i.e. Eclipse/IntelliJ IDEA
- Experience with integrating applications using web services is definite plus
- Practical Experience developing SSIS packages to extract, transform and load data across multiple databases for data migration a definite plus
- Development knowledge of SharePoint
- Hands on knowledge of Tableau is a plus
- Knowledge and practical experience using ArcGIS or Open Source GIS software is a plus

Skills:

- Demonstrated ability to organize own work, and prioritize multiple project commitments
- Demonstrated experience with Agile methodology
- Ability to work independently and collaboratively within a skilled team in a professional environment
- Critical and analytical thinking, as well as structured and creative problem-solving skills
- Solid understanding of object-oriented design, relational databases and data modeling principles
- Flexibility in approach to spatial and non-spatial software design and solutions
- Commitment to quality, including thorough testing of own work products
- Ability to articulate complex technical problems in layman's language to a non-technical audience
- Ability to write system documentation for software applications in clear, straightforward language
- Technical curiosity and ability to master new technologies
- Experience with locational data