Title :Software Engineer - Mid - Cloud

Security Level :TS/SCI

Location :Annapolis Junction, MD

Description: Desired Skills: – Experience deploying applications in a cloud environment. – Understanding of Big-Data Cloud Scalability (Amazon, Google, Facebook). – Hadoop/Cloud Developer Certification. – Experience designing and developing automated analytic software, techniques, and algorithms. – Experience with linguistics (grammar, morphology, concepts). – Experience developing and deploying analytics within a heterogeneous schema environment. – Experience documenting ontologies, data models, schemas, formats, data element dictionaries, software application program interfaces and other technical specifications. – Experience developing and deploying analytics that discover and exploit social networks. – Experience developing and deploying: data driven analytics; event driven analytics; sets of analytics orchestrated through rules engines. – Experience with taxonomy construction for analytic disciplines, knowledge areas and skills. – A degree in Communications, Computer Science, Mathematics, Accounting, Information Systems, Program Management, or similar degree will be considered as a technical field.

Required Skills: – Shall have at least five (5) years experience in software development/engineering, including requirements analysis, software development, installation, integration, evaluation, enhancement, maintenance, testing, and problem diagnosis/resolution. – Shall have at least four (4) years of experience developing software with high level languages such as Java, C, C++. – Shall have demonstrated experience working with OpenSource (NoSQL) products that support highly distributed, massively parallel computation needs such as Hbase, CloudBase/Acumulo, Big Table, etc. – Shall have demonstrated work experience with the Map Reduce programming model and technologies such as Hadoop, Hive, Pig, etc. – Shall have demonstrated work experience with the Hadoop Distributed File System (HDFS). – Shall have demonstrated work experience with serialization such as JSON and/or BSON. – Shall have demonstrated work experience developing Restful services. – Shall have demonstrated work experience in the requirements analysis and design of at least one Object Oriented system. – Shall have demonstrated work experience developing solutions integrating and extending FOSS/COTS products. – Shall have at least three (3) years experience in software integration and software testing, to include developing and implementing test plans and test scripts. – Shall have demonstrated technical writing skills and shall have generated technical documents in support of a software development project. – In addition, shall have demonstrated work experience in at least two (2) of the desired characteristics. – Shall have at least three (3) years experience developing software for Windows (2000, 2003, XP, VISTA) or UNIX/Linux (Redhat versions 3-5) operating systems.