



Example of Data Software Developer Job Description

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Our growing company is searching for experienced candidates for the position of data software developer. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

Responsibilities for data software developer

- The Data Engineer will code features all the way from the Hadoop job down through the Linux OS/shell
- Manage a globally distributed system with points of presence in numerous data centers throughout the world
- This role will be involved in the overall technical architecture and development of data infrastructure and cloud services to enable a range of new data driven high performance applications
- Build and refine the infrastructure, data architecture, data models, and integration architecture while also ensuring the solutions supports user-driven, self-service analytic
- Support the use of data science techniques to DoD data produced by several analytic systems for analytic purposes
- Experience required with open source technology including DFS/MapReduce, Accumulo, NiFi, Docker, Spark, Storm, Kafka, Mesos, Marathon, Myriad, Scala, Redis, ElasticSearch, GeoMesa, Nginx
- Analytics over graphs given a seed and a query to produce a stream of results to provide effective presentation of results for better data understanding and integration with other tools
- Experience with entity disambiguation and resolution techniques embedded in existing agency systems
- Experience with visualization techniques for geospatial-temporal data
- Apply statistical and machine learning techniques to identify similarities

Qualifications for data software developer

- Minimum 2 years of experience in developing Java/J2EE applications
- Relevant experience in of Solace, RFA, DACS, Exegy, Tibco RV, Tibco EMS and other market data APIs
- Knowledge of Apache Spark, Apache Kafka, Apache Storm
- A total of 5 years' relevant software development experience
- Familiar with 3D visualization framework such as Unity and Unreal development toolkit and the underlying coding languages that support those frameworks
- 5 years experience developing in C++/C# and .net/mono