Veritude is looking for a Hadoop Engineer to work at Fidelity Investments in Durham, NC.

We are looking for senior software engineers with expertise in data integration and hands on experience in enterprise Hadoop based environments (e.g. Cloudera, Elastic MapReduce) to help design and build a new platform to ingest data from a variety of backend sources, transform, analyze, and expose views of the data to reporting and visualization tools.

**Responsibilities**

The primary focus will be working with architects and other developers to design develop and deploy the new platform to support reporting / analytic needs. However, the work will include an element of data architecture and governance, for example finding ways to understand data lineage, suitable methods to catalog each attribute defined in the system, documenting its meaning. Lastly, the role will involve an element of initial support and operational handover, especially during the first release.

**Role Requirements**

1. Hands on design and development
   * Ability to work independently or in small teams to design and implement Hadoop based data extraction, transformation / processing for load / presentation into visualization / reporting tools
   * The solution will ingest data from traditional databases & data warehouses (predominantly Oracle), flat files, web services, MongoDb sources process / transform and augment the data structuring it into views suitable for integration with visualization and reporting tools (e.g. Tableau, OBIEE)
   * Knowledge and experience of the tools, frameworks and language platforms relevant to the components. tools and techniques relating to Hadoop implementations, e.g.:
   * Hadoop, Yarn, HDFS, Sqoop, Spark, Impala, Oozie
   * Scala, Java,
   * Cloudera or Amazon Web Services / Elastic Map Reduce
   * Additionally, experience and knowledge of key data integration points as well as technologies present in the broader Fidelity Chartitable environment is strongly desired:
   * Oracle, SQL, MongoDb

* RHEL Linux, basic shell scripting
* ETL (Informatica)  and data warehouse design
* Public / hybrid Cloud platforms and practices (ideally AWS)
* An understanding of client reporting tools (Tableau, Oracle OBIEE)
* Java JEE
* Web services (REST, JSON, HTTP)
* CRM ./ Salesforce

1. Data / integration architecture
   * An understanding of data architecture and how to design and implement suitable systems to track and document data entities/ attributes
   * An understanding of data integration patterns and approaches
   * Understanding of security patterns and practices relevant to data storage and integration
2. Working with business and technology teams
   * Strong communication and collaboration skills
   * Ability to communicate effectively with a mix of people – technical / non-technical
   * A self-starter who can lead and take ownership
   * Experience in agile environments – used to iterative delivery
   * Flexible and able to work across a mix of modern and legacy systems