Big Data Software Engineer

AlphaSix is looking for a Big Data Software Engineer to work with a small team responsible for building, deploying and supporting a large big data platform running Hadoop, Elasticsearch, and other big data technologies that will enable operations for a large enterprise environment. Typical duties will include administering and updating the cluster and accompanying Hadoop ecosystem software, developing ETL pipelines to ingest data into the cluster, and assisting analysts in performing analytics on the data once in the cluster.

Clearance Requirement

Must be a US Citizen.

Location

Memphis, TN

Roles & Responsibilities

As a key member of the team, you will take on challenges of scaling out systems for performance, resiliency and multi-tenancy using leading-edge technology. Additionally, you will help a platform engineering team adopt new technologies, through sound design, automation, data-driven decisions through collaboration and collective ownership. Our goal is to embrace change and minimize friction for platform use and adoption. Responsibilities will include the following:

- Develop ETL pipelines and data analytics in a Hadoop environment and for indexing into Elasticsearch
- Work on large scale clusters in multiple data centers
- Design and build multi-tenant solutions
- Deploy and test out new technologies
- Integrate variety of real-time and batch data sources
- Leverage REST APIs for automation and reporting
- Help lead the conversation and design, understanding the architectural tradeoffs including Scalability, Resiliency, High Availability and Security
- Capacity planning and solution review

Required Experience

- Experience with design, build, deployment, maintenance, and administration of Hadoop processing jobs (E.g. Spark, YARN, etc.) and/or Elasticsearch indexing and development
- Experience developing in a Linux (RHEL/CentOS 7 preferred) environment
- Proficient in at least one of the following programming languages (Java, Scala, Python) and comfortable working in a variety of tech stacks
- Experience with software configuration management
- Experience with developing ETL pipelines
- Experience developing secure and scalable software

Preferred Skills

- Experience with MapR Converged Data Platform
- Experience with NoSQL storage technologies including: Hbase (preferred), BigTable, Redis, MongoDB, Cassandra, etc.
- Experience with Elastic XPack
- Working knowledge or experience with data visualization technologies such as Kibana, Qlik, or Tableau
- SQL programming experience

Qualifications & Education

A degree in Computer Science, Information Systems, Engineering, or Mathematics preferred.

- 5+ years hands-on experience with software development in a Linux production environment
- 2+ years hands-on experience with software development in a Hadoop and/or Elasticsearch environment.
- 3+ years hands-on experience with at least one of the following programming languages (Java, Scala, Python)
- Experience developing with encryption technology API's a plus

About AlphaSix Corporation

AlphaSix Corporation is a service-disabled veteran-owned small business (SDVOSB) in the Washington DC area specializing in providing a broad range of quality IT products, solutions, and services tailored to the needs of our customers.

At AlphaSix, we pride ourselves in providing a highly energized work environment where our employees are rewarded with competitive compensation packages and excellent benefits. We understand that to attract the top talent in the industry and provide the highest level of satisfaction to our customers, we need to provide an environment that supports our employees in their efforts to fulfill the needs of their clients and allows them to reach their fullest potential.

AlphaSix offers a variety of benefits including competitive compensation, health insurance, disability coverage, 401(k) with matching program, paid holidays, and PTO.