



Big Data Engineer – Red Hat Administrator

AlphaSix is looking for a Big Data Engineer / Red Hat Administrator to work with a small team responsible for building, deploying and supporting a large big data platform running Hadoop and other big data technologies that will enable operations for a large enterprise environment. Typical duties will include deploying, administering and updating the Linux systems, clusters and accompanying Hadoop ecosystem software.

Clearance Requirement

Must be a US citizen.

Location

Atlanta, GA.

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 including:

- Work on large scale clusters spanning multiple data centers
- Design and build multi-tenant solutions
- Deploy and test out new technologies
- Own and maintain operational best practices for smooth operation of large Hadoop clusters.
- Contribute actively to improve the Hadoop ecosystem.
- Apply in-depth analysis of Hadoop-based workload, project-based work, design solutions to issues, and evaluate their effectiveness.
- Optimize and tune the Hadoop environment to meet the performance requirements.
- Partner with Hadoop developers in building best practices for Warehouse and Analytics environments.
- Investigate emerging technologies in the Hadoop ecosystem that relate to our customer's needs and implement those technologies

Duties will include:

- Architect, deploy, and maintain Big Data Hadoop clusters

- Help lead the conversation on design understanding the architectural tradeoffs including Scalability, Resiliency, High Availability and Security
- Perform capacity planning and solution review
- Collaborate with multiple teams to manage a large Big Data cluster
- Work with the customer to assist in project activities and tasks
- Maintain all applicable STIGs and apply IAVA patches for the big data cluster in accordance with customer guidance

Required Experience

- Red Hat administration (RHEL/CentOS 7 preferred) in an enterprise environment
- Experience with Red Hat Ansible and Satellite
- Programming experience with at least one of the following: Shell, Python, Perl, or Java.
- Knowledge in metric collection for monitoring and alerting.
- Experience installing software/applications in a Redhat Linux environment

Preferred Skills

- Experience with administration of Hadoop clusters. MapR preferred.
- Experience designing and deploying networking solutions (E.g. Juniper, Cisco, etc).
- Experience with Windows administration

Qualifications & Education

A degree in Computer Science, Information Systems, Engineering, or Mathematics preferred. Three (3) years' experience required.

About AlphaSix Corporation

AlphaSix Corporation is a Washington, DC-based small business that provides Federal, state, and local governments with a broad range of IT products, solutions, and services focused on the convergence of big data and cyber security. 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.