Big Data Job Descriptions

Software Engineer - Algorithms

This position is responsible for meeting the big data needs of our various products and businesses. Specifically, this position is responsible for creating a state of the art analytics platform & solution that can be shared across product lines and businesses. With over 100 million wireless, wireline, enterprise customers and a massive global network, data analytics is a critical component of our business.

Responsibilities

- Be a key member of the core product development team
- Take ownership of one or more components of the algorithms module and manage the design and development
- Candidates with very relevant experience and excellent technical, managerial skills would be considered for Technical role

Required Skills & Experience:

- MS in Computer Science, Mathematics or related area
- 10+ years of relevant industry experience
- 8-10 years experience in developing algorithms in the areas of Search, Natural Language Processing, Network Traffic Engineering, Recommendations, Machine Learning

Software Engineer - Reports & Dashboards

This position is responsible for meeting the big data needs of our various products and businesses. Specifically, this position is responsible for creating a state of the art analytics platform & solution that can be shared across product lines and businesses. With over 100 million wireless, wireline, enterprise customers and a massive global network, data analytics is a critical component of our business.

Responsibilities

- Be a key member of the product development team
- Take ownership of one or more components of the data analytics reporting module and manage the design and development
- Candidates with very relevant experience and excellent technical, managerial skills would be considered for Technical role

Required Skills & Experience:

- BS in Computer Science, Mathematics or related area
- 7+ years of relevant industry experience
- 5-7 years knowledge of Unix/Linux
- 5-7 years excellent programming skills especially in web based environment
- 5-7 years experience in developing web based reports, dashboards etc.
- Product development experience in Big Data/Data Analytics is a significant plus

SR. SWE – Data Warehouse

Job Description:

Verizon Enterprise Solutions Big Data Group is looking for Big Data engineer(s) with expert level
experience in architecting and building our new Hadoop, NoSql, InMemory Platforms(s) and data collectors. You will be part of the team building worlds one of the largest Big Data Platform(s) that can ingest 100’s of Terabytes of data that will be consumed for Business Analytics, Operational Analytics, Text Analytics, Data Services and build Big Data Solutions for various Verizon Business units.

With over 100 million wireless, wireline, enterprise customers and a massive global network, data analytics is a critical component of our business. This is a unique opportunity to be part of building disruptive technology where Big Data will be used as platform to build solutions for various Verizon Business units.

Responsibilities:

- Architect and Build Big Data Platform using Hadoop echo system.
- Evaluate, recommend and build NoSQL, SQL and InMemory platform(s) understanding the business needs.
- Architect and build data collectors and data fabric to collect and transport data to the Hadoop echo system based Big Data Platform.
- Build monitoring solution(s) for the Big Data infrastructure to understand the health of the infrastructure.
- Automate deployment and configuration management using open source frameworks.
- Be the SME (Subject Matter Expert) for Big Data Platform(s).

Desired Skills:

- Bachelor's degree in Computer Science, Management Information Systems or related field.
- 8-10 years of experience building and managing complex products/solutions.
- 7+ years of experience working in Linux/Unix environment.
- Expert level experience architecting, building and maintaining Enterprise grade Hadoop Petabyte store.
- Expert level understanding of Hadoop HDFS and MapReduce framework internals.
- Experience with components in Hadoop echo system (Hive, Pig, Impala, Ambari, Oozie, Sqoop, Zookeeper, Mahout)
- Experience architecting and building data fabric with Flume, Scribe or kafka would be a plus.
- Experience with open source frameworks like Puppet or Chef for deployment and configuration management is a plus.
- Experience building and managing NoSQL Database like HBase or Cassandra.
- Experience building and managing Big Data SQL Database like Vertica, MemSQL or VoltDB.
- Experience with Shell Scripting, Perl and Python.
- Experience programming in Java is a plus.
- Most importantly be a good team player and willingness to learn and implement new Big Data technologies as needed.
SWE – Data Warehouse

Job Description:

Verizon Enterprise Solutions Big Data Group is looking for Big Data engineer(s) with expert level experience in architecting and building our new Hadoop, NoSql, InMemory Platforms(s) and data collectors. You will be part of the team building worlds one of the largest Big Data Platform(s) that can ingest 100's of Terabytes of data that will be consumed for Business Analytics, Operational Analytics, Text Analytics, Data Services and build Big Data Solutions for various Verizon Business units.

With over 100 million wireless, wireline, enterprise customers and a massive global network, data analytics is a critical component of our business. This is a unique opportunity to be part of building disruptive technology where Big Data will be used as platform to build solutions for various Verizon Business units.

Responsibilities:

- Architect and Build Big Data Platform using Hadoop echo system.
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- Architect and build data collectors and data fabric to collect and transport data to the Hadoop echo system based Big Data Platform.
- Build monitoring solution(s) for the Big Data infrastructure to understand the health of the infrastructure.
- Automate deployment and configuration management using open source frameworks.

Desired Skills:

- Bachelor's degree in Computer Science, Management Information Systems or related field.
- 5-7 years of experience building and managing complex products/solutions.
- 5+ years of experience working in Linux/Unix environment.
- Experience architecting, building and maintaining Enterprise grade Hadoop Petabyte store.
- Knowledge about Hadoop HDFS and MapReduce framework internals.
- Experience with components in Hadoop echo system (Hive, Pig, Impala, Ambari, Oozie, Sqoop, Zookeeper, Mahout)
- Experience architecting and building data fabric with Flume, Scribe or kafka would be a plus.
- Experience with open source frameworks like Puppet or Chef for deployment and configuration management is a plus.
- Experience building and managing NoSQL Database like HBase or Cassandra.
- Experience building and managing Big Data SQL Database like Vertica, MemSQL or VoltDB.
• Experience with Shell Scripting, Perl and Python is a plus.
• Experience programming in Java is a plus.
• Most importantly be a good team player and willingness to learn and implement new Big Data technologies as needed.

Data Analytics Developer

Position Responsibilities:

This position is responsible for creating analytics based solutions to simplify complex problems. Create post event and predictive analysis from relevant Big Data sources.

• Creating analytics solutions for wireless system performance analysis and optimization
• Application performance and user quality of experience analysis, network and customer usage behavioral analysis, and application development.
• Working closely with both business and technical resources across multiple disciplines in wireless and wireline broadband network teams

Qualifications:

• Relevant experience in database administration of high availability production systems.
• Understanding of Big Data analytics algorithms such as genetic learning, machine learning, data mining,
• A/B testing, predictive modeling, regression and pattern recognition
• Hands-on experience in creation and maintenance of database instances, database design, database performance monitoring and tuning and Unix/Linux shell script, JavaScript, Python, Perl, and R
• Candidate must be a good team player with strong team concept, self-motivated, and excellent verbal and written communication skills required
• Bachelor’s degree in a Computer Science or related field

Desired Skills:

• Familiarity with Hadoop unstructured database architectures, complex analytics algorithms, data visualization and presentation techniques
• Familiarity with 3GPP forth generation LTE wireless network architecture
• Understanding of business and organizational process
• Strong background in statistics

Director of Data Analytics

Responsibilities:

• Lead the CTO organization to develop strategy for Data Analytics to support advanced application/product development
• Create and Communicate the strategy and use of Big Data within Network, Marketing and Product Development
• Lead the technical team to drive Legal and Regulatory alignment on data and customer privacy policy
• Build a team of data scientists to create custom analytics algorithms, database architectures, and data visualization solutions
• Develop a strong leadership bench with a motivated workforce, leading with integrity, owning results, and driving change through the organization.

**Required Skills & Experience:**

• 8-10 years of leadership experience, preferably in the Internet Applications Industry across multiple functions especially in the data analytics and algorithm development areas
• 8-10 years' experience in managing large organizational budgets
• Proven leadership skills and business acumen within a large organization
• Previous Management Experience with Multifunctional Teams
• BA or BS degree in Computer Science/Business Administration/ Business Management/Engineering; or equivalent work experience

**Desired Skills & Experience:**

• Established track record in managing a complex process and driving results
• Excellent verbal and written communication skills
• Ability to present information to executive management
• Ability to communicate at all levels of the business
• Previous Operations experience highly desirable
• Expertise and experience in motivating within and across organizations
• Strong problem solving, negotiating and conflict resolution skills