Akanksha Sharma

New Delhi, Delhi - Email me on Indeed: indeed.com/r/Akanksha-Sharma/a41af922039c0cdb

• Worked for projects for Apple INC, Sprint Nextel Dallas, Orange France, Huawei china, Etisalat, Mobistar Belgium, Vodafone UK
• Worked as Lead for BigData Hadoop operations
• Comfortable with Agile/Scrum processes and code review.
• Experience with Unix/Linux operating systems and VMware, Amazon web services (AWS)
• Scripting (Shell and Perl) and basic python
• Leading and managing resources at on-shore, off-shore.

WORK EXPERIENCE

Hadoop Admin, TCS
 - July 2015 to Present

• Cluster management and maintenance using a variety of tools like Ambari and Nagios.
• Administration, troubleshooting and fixations, performing problem isolations and workarounds.
• Performance tuning of Hadoop clusters and ecosystem components and jobs.
• Supporting Application and Platform teams
• Cluster creation and upgradation of HWX Distribution of Hadoop from both the command line and Ambari.

Projects in Tata Consultancy Limited
1. Orion
• Client: Apple Inc.
• Tool/Language: Hadoop, Hive, Oracle, Ansible, Ambari, Oozie.
• Role Resp.: Sr. DBA
• Cluster Size: 500 +Nodes
• Synopsis: This is a 500+ node cluster we have created especially for our application team to fulfill their requirements for testing and development purpose. We are simulating production environment here with the almost real data and pro jobs.
2. Hercules
• Client: Apple Inc.
• Tool/Language: Hadoop, Hive, Oracle, Ansible, Ambari, Oozie, Kerberos, SSL
• Role Resp.: Sr. DBA
• Cluster Size: 1000 +Nodes
• Synopsis: This is a 1000+ node production cluster we have created. We also make it secure using Kerberos (MIT). It include high end machines to make it easy for heavy jobs. Cluster include tools like Oozie to help the APP team to use the cluster.

3. Global Realm
• Client: Apple Inc.
• Tool/Language: Hadoop, Hive, Oracle, Ansible, Ambari, Oozie, Kerberos.
• Role Resp.: Sr. DBA
• Cluster: Includes five clusters from Prod and Test Env.
• Synopsis: We have multiple clusters with us but they were on different REALM and KDCs. We decided to take all the clusters on same REALM and KDC so that they can communicate with each other.

Lead for Big data technology & Hadoop Ecosystem

- 2012 to 2014

using Cassandra, ETL & Tableau for business analytics on cloud platform
• PoCs implementations: ETL on Hadoop and freight analytics
• Setup CDH4.4 Hadoop cluster and Security on AWS.
• Lead for Reporting and Analysis for mcas applications based on cloud
platform
• Leading the migration of ETL processes from Oracle 10g to hadoop
utilizing HIVE as the interface for easy data manipulation.
• Lead Engineer for Huawei Project (on client site)
• Infrastructure setup, capacity planning and administration for CoE and customers - 28 node Cloudera CDH4

Subject Matter Expert
ERICSSON INDIA   -   IN   -   2010 to 2012

• Worked on managing and monitoring with Nagios for Hadoop specific plugins and configurations
• Experience in Bigdata Test Planning, Implementations and integration
Experience in Agile SDLC, Scrum
Experience in working closely with customers around the world in
• Global delivery environment Like Vodafone UK, Mobistar Belgium and Sprint Nextel Dallas
• Monitoring the quality status of projects including implementation methodology compliance.
• Developing and coding scripts & running test campaigns for application issue fixations
Performing Data fixes and System performance analysis.
Handling user queries and developing solutions

ADDITIONAL INFORMATION

TECHNICAL SKILLS
Operating Systems Linux-RHEL, SUSE, Ubuntu, Windows
Development/Scripting PERL, basics of python, Shell/Unix scripting, Core Java
Monitoring Tools Ganglia, Nagios Core and Nagios XI
BigData Technology Hadoop Ecosystem-Hive, Ambari, Oozie, Ansible, Kerberos, Beeline, Spark, Cassandra
Database Oracle9i, MySQL
Version Control GIT, Subversion, GitHub,
Bug Tracker Bugzilla and Jira

STRENGTHS
• Team player, Quick learner
• Technologist with strong business acumen.
• Results oriented, decisive leader in Big Data space with corporate-refined execution
• Adaptable and capable of working effectively in highly innovative and fast-paced
environment.
• Customer facing onsite work experience from the very starting of career.

(AKANKSHA)