Trainer Profile – Akash

Profile

- Hands-on Experience with Hadoop and Apache SPARK.
- Conducted internal Trainings on BIG Data Hadoop & Apache Spark, Scala
- Setup multi node Hadoop and Spark cluster.
- Experience in writing Java MapReduce, Hive scripts, PIG scripts, Shell script.
- Experience in Managing Client Expectation.
- Worked as On-site and offshore coordinator, interacted with customers effectively and lead the team as well.
- Developed various automation scripts for enhancement of projects, also developed various scripts using .Net, JAVA SDK and Shell Script as per requirement.
- Requirement Gathering, Sizing, Installation and Setup of new Environment in Business Objects with up-gradation of service pack and fix packs.
- Knowledge of Business Intelligence Reporting Tool such as Business Objects Enterprise XIR2 / XIR3 and BI 4.1.
- Knowledge of various client tools like Query Builder, Report Conversion tool, Designer, Import Wizard, Report Comparison Tool, Software Inventory Tool, LCM, UMT Etc.
- An effective communicator, Team Leader & Team member with excellent relationship building & interpersonal skills. Strong analytical, problem solving & organizational abilities.

Technical Skills

Technologies	Hadoop, Spark, HDFS, MapReduce, PIG, Hive, .NET, UNIX, SAP Business Objects XI R2/R3, BI4., Sqoop, Google Cloud Compute, AWS
Tools	Eclipse, SAP Business Objects, Visual Studio.
Operating System	Linux , Windows
Languages	Python, C#, JAVA , PIG Latin , Shell Script , Scala
RDBMS	Oracle, SQL Server, DB2, MySQL

Training Delivered

- BIG DataX certification from Databricks and UC Berkley on edX.
- Machine Learning certification from Databricks and UC Berkley on edX.
- Apache Spark certification from Databricks and UC Berkley on edX.
- 15+ batches on Spark & Scala
- 10+ online batches on Big Data Hadoop
- 10+ batches on Python
- Spark Fundamentals certification from IBM's BIG Data University.
- Hadoop Fundamentals certification from IBM's BIG Data University.
- Hive certification from IBM's BIG Data University.

- PIG certification from IBM's BIG Data University.
- SAP BO BI administering certificate (Windows) from SAP.
- Internal training in BIG Data Hadoop.
- Training in Business Objects XIR2 and XIR3.1
- IBM Certified Database Associate - DB2 Universal Database V8.1 Family.

Projects

- **Web Log Analysis using Apache Spark**

  Logs are very important and key to any computation system. Under this project we have done the apache Web Log analysis using Spark. Modules included in this project:
  - Requirement Gathering
  - Setup Spark environment.
  - Load Logs into RDD
  - Build regular expression to assign structure to Logs.
  - Data Cleansing.
  - Analysis of Logs

- **Web Log Analysis with Hadoop**

  Under this project we have done the Log analysis using Hadoop Modules Included in this project :
  - Requirement Gathering
  - Hadoop Cluster Setup (Cloudera Distribution).
  - Loaded Logs into HDFS
  - Develop MapReduce application for Analysis.
  - Prepare PIG and HIVE scripts for aggregation and Data Cleansing.

- **Network Traffic and Security Analysis with Hadoop**

  We analyzed the router data using Hadoop. Worked on Modules Included in this project
  - Hadoop Cluster Setup (Cloudera Distribution).
  - Data ingestion to HDFS
  - Develop MR Job, PIG and Hive script to generate reports.

- **Cluster Installation**

  Under this project I have built the multi-node clustered environment for Hadoop (Hortonworks Distribution).

- **SAP Business Objects Upgrade and Maintenance.**
  - Up-gradation of SAP BO servers to higher service pack.
  - Take a pre-migration backup, restoration of backups when needed.
  - Maintaining SAP BO security (User/User Group and Content Management).
  - Migration of Reports, Folders and Universes from one repository to other repository
  - Take a pre-migration backup, restoration of backups when needed.
  - Automated Production environment's SAP BO service starting/stopping and server restarts, Automation of setting up new application security, WINDOWS AD Update, Monitoring of SAP BO services etc. to improve the efficiency of the SAP BO environment.
  - Integrated SAP BO with SAP Net weaver Enterprise Portal.
  - Capacity Management by capturing the Disk space on all servers and analyze them to do proper capacity planning.
  - Performance Tuning the SAP BO environments to improve efficiency