Job Seeker Germantown, MD Work Experience NETE Solutions - Bethesda, MD March 2018 to May 2019   Assisted in designing, development and architecture of Hadoop and HBase systems. Coordinated with technical teams for installation of Hadoop and third related applications on systems.   Formulated procedures for planning and execution of system upgrades for all existing Hadoop clusters.   Supported technical team members for automation, installation and configuration tasks.   Suggested improvement processes for all process automation scripts and tasks.   Provided technical assistance for configuration, administration and monitoring of Hadoop clusters. Conducted detailed analysis of system and application architecture components as per functional requirements.   Participated in evaluation and selection of new technologies to support system efficiency   Assisted in creation of ETL processes for transformation of data sources from existing RDBMS systems.   Designed and developed scalable and custom Hadoop solutions as per dynamic data needs.   Coordinated with technical team for production deployment of software applications for maintenance.   Provided operational support services relating to Hadoop infrastructure and application installation.   Supported technical team members in management and review of Hadoop log files and data backups.   Participated in development and execution of system and disaster recovery processes.   Formulated procedures for installation of Hadoop patches, updates and version upgrades.   Automated processes for troubleshooting, resolution and tuning of Hadoop clusters. Hadoop/Couchbase Administrator Marriott International Corporation - Gaithersburg, MD May 2017 to January 2018   Managed several Hadoop and Couchbase clusters in development and production environments across data centers at Iron Mountain, Phoenix Arizona, Ashburn VA and Frederick Md.   Developed Map Reduce programs for generation of reports supporting Business Intelligence   Business intelligence support via import / export of column data into HDFS/Hive Partitioned Tables - Hadoop via Sqoop   Built and configured log data loading into HDFS using Flume.   Performed Importing and exporting data into HDFS and Hive using Sqoop. Managed cluster coordination services through Zoo Keeper.   Provisioning, installing, configuring, monitoring, and maintaining HDFS   Supported code/design analysis, strategy development and project planning.   Created software design documents for modification of current OLTP NED

system for refactoring of several Oracle databases objects to support functionality modifications. Performed in depth analysis of legacy system residing as a sub-module to the NED system. Built Hadoop clusters on HDP 2.2 and HDP 2.3 Designed and implemented 3 node Couchbase clusters across data centers Worked with engineering software developers to investigate problems and make changes to the Hadoop environment and associated applications. Performance tuning on Hadoop. Couchbase and Oracle 12.2 RAC Expertise in recommending hardware configuration for Hadoop cluster Installing, Upgrading and Managing Hadoop Cluster on Hortonworks Trouble shooting many cloud related issues such as Data Node down, Network failure and data block missing. Major Upgrade from HDP 2.2 to HDP 2.3. Managing and reviewing Hadoop and HBase log files Built and configured log data loading into HDFS using Flume. Performed Importing and exporting data into HDFS and Hive using Sqoop. Managed cluster coordination services through Zoo Keeper. Provisioning, installing, configuring, monitoring, and maintaining HDFS, Yarn, HBase, Flume, Sqoop, Oozie, Pig and Hive Practiced recovering from node failures and troubleshooting common Hadoop cluster issues. Scripting Hadoop package installation and configuration to support fully-automated deployments. Supporting Hadoop developers and assisting in optimization of map reduce jobs, Pig Latin scripts, Hive Scripts, and HBase ingest required. Performed HDFS cluster support and maintenance tasks like Adding and Removing Nodes without any effect to running jobs and data. Oversaw the design, construction and implementation of an Oracle 12.2.0.1 Real Application Cluster (RAC). This project included the construction of a Proof of Concept 2 node cluster, two - 2 node clusters in development and test, and a production 2 node cluster. Big Data Engineer / Database Manager Carey International - Frederick, MD November 2007 to October 2016 Developed Map reduce program to extract and transform the data sets and resultant dataset were loaded to Cassandra and vice versa using kafka 2.0.x. Used Spark API 1.4.x over Cloudera Hadoop YARN 2.5.2 to perform analytics on data in Hive. Exploring with the Spark 1.4.x, improving the performance and optimization of the existing algorithms in Hadoop 2.5.2 using Spark Context, SparkSQL, Data Frames. Implemented Batch processing of data sources using Apache Spark 1.4.x. Developed analytical components using Spark 1.4.x, Scala 2.10.x and Spark Stream.

Imported data from different sources like HDFS/Hbase 0.94.27 to Spark RDD.   Developed Spark scripts by using Scala Shell commands as per the requirement.   Developed numerous MapReduce jobs in Scala 2.10.x for Data Cleansing and Analyzing Data in Impala 2.1.0.   Loaded and extracted the data using Sqoop 1.4.6 from Oracle 12.1.0.1 into HDFS.   Senior Manager / Database developer in charge of monitoring database activity conducted by several contracting companies responsible for maintaining existing database systems and implementing new systems. Oversee a vast field of players including Accenture, Atos, Atlas, Starwood, IBM, Linux and Oracle to evaluate database design, day-to-day activity and various other tasks associated with database systems. Databases under my supervision included SQLServer, Couchbase 4.5, DB2 LUW 10.5, MySQL 5.7, Oracle 12.2.0.1   Oversaw the design, construction and implementation of an Oracle 12.2.0.1 Real Application Cluster (RAC). This project included the construction of a Proof of Concept 2 node cluster, two - 2 node clusters in development and test, and a production 2 node cluster.   Upgraded 30+ Oracle Databases from 11.2.0.4 to 12.1.0.2.   Designed and implemented Disaster Recovery Site using Oracle Data Guard   Designed, developed and implemented Korn shell / Perl programs to provide real time monitoring of resource intensive SQL, alert log scanning and database logon attempts   Created security profiles for users, developed and maintained procedures and processes to provide proactive database security   Utilized AWR reports for review of SQL plans. Coded SQL / PL/SQL / Perl programs for study of optimizer plan baselines and general database performance   Monitored, optimized, and allocated physical and virtual storage for database systems via NetApp SAN, implemented NetApp block level snapshot backups   Supported 50-person offshore development team during migration of applications from Web Based to Mobile Based platform. Developed database architectures, coding standards, and quality assurance policies and procedures   Designed and implemented RMAN backup at master and disaster recovery sites. Assisted in developing the Support Services allocation model in the Hyperion Profitability and Cost Management tool   Paragon Computer Professionals Database Manager / Developer Consumer Data Industry Association January 2004 to November 2007   Upgraded 9.2.0 databases to 10.2.0 on Solaris 9, Solaris 10   Designed and implemented Data Guard for disaster recovery and developed

Disaster Recovery Plan   Developed Operations and Database Users Manuals and Backup/Recovery Guides covering all aspects of database maintenance and usage.   Provided long-term strategic goals for OLTP and Data Warehouse consisting of several terabytes of data and the on-line processing of 30 million transactions per month. Unisys February 2004 to December 2004   Supported classified Security and Risk Assessment System at TSA client site in Pentagon City   Provide 24/7 support for multiple Internet/Intranet RAC enabled 9i databases supporting 11i/9ias applications for the Transportation Safety Administration (TSA)   Developed RMAN backup and recovery programs   Evaluated database performance via Statspack and implemented changes as needed   Maintained multiple Apache Web Servers in complex multi-network environment. Provided general database design, implementation, and administration to assure highest reliability and availability of IT services for all enterprise databases Education Associate Degree in Applied Science in Computer Information Systems Northern Virginia Community College - Alexandria, VA 1988 Computer Science Boston University - Boston, MA

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