Certified HDP Hadoop Administrator Certified HDP Hadoop Administrator Certified HDP Hadoop Administrator - Synchrony Financial Chicago, IL Certified and Prominent Hadoop Lead with vast experience in managing, designing, executing, implementing and administering industrial grade Hadoop solutions for a competitive edge. Authorized to work in the US for any employer Work Experience Certified HDP Hadoop Administrator Synchrony Financial - Chicago, IL December 2016 to Present * Cluster planning and engineering of POC and Production Clusters * Strong experience on Hadoop distributions Hortonworks & Cloudera * Administer, troubleshoot and debug cluster problems on RHEL/Ubuntu * Troubleshoot and debugs cluster problems on RHEL based Linux infrastructure. * Kerberos Administrator/Kerberize cluster and ensure sound domain name to-realm mapping * Periodically Check HDFS health * Configure YARN Capacity Scheduler based on infrastructure needs/YARN tuning * Perform upgrades, patches and fixes using effective roll-out method * Ensure HDFS is Balanced and performing optimally at all times * Commission/Decommission Hadoop cluster nodes * Review namenode WebUI for information concerning Datanode volume failures * Back-up existing Hadoop databases such as oozie, hive metastore, HDFS Metadata backup etc * Active Directory/LDAPS integration and management * Purge older log files * Build cluster according to workload pattern/cluster type * Configure Cluster services for High Availability * Ensure volume and hdfs encryption(Data at rest encryption) * Experienced in AWS configuration optimization for Hadoop * Backup Procedures and Disaster Recovery * ACL's and audits to meet compliance specifications using Ranger * Open tickets and troubleshoot cluster problems with support * Experienced in AWS Storage methodologies * Expertise in cloudbreak setup/configuration and blueprint creation. * Engineer data pipeline management using Falcon * Defining/executing feeds, processes, data pipelines, jobs mirroring between production and testing cluster using Falcon * ETL offload using Atlas * Securing hadoop services (Webhdfs/hive/yarn) using Knox for REST API calls. * Trains and leads teams in understanding and implementing hadoop solutions in organization. * Monitor cluster/organization servers for intrusions/detection, log file reviews and threats using SIEM solution Alien vault. Documents and reports findings to compliance and audit teams. * Perform Active directory/windows

server administration Run Lead Logos Infotech Inc - St. Louis, MO November 2014 to December 2016 * Manage onshore and off-shore Hadoop teams consisting of Developers, Architects, Data Engineers and Administrators. * Report to stakeholders on bi-weekly basis on the overall health of the Enterprise Big Data platform. * Oversee Synchrony core 5 Hadoop environments significantly ingesting large datasets sourced from real-time feeds, variety user interactions with mobile apps and internal transactions. * Single point of contact for all platform operations ("Run") issues from immediate response, coordination, escalation, root cause analysis and resolution. * Ensuring SLA's for availability, performance, security, maintenance - upgrades, installation and user administration across all Data Lake environments. * Administer and maintain Pivotal/Hortonworks Hadoop, Greenplum and GemFire clusters across all environments. * Installation/configuration of the Hadoop eco-system tools and continuous enhancement and expansion of the enterprise data lake. * Collaborate with development teams to assist in code promotion across environments and deployments in production, including CMDB CI creation and updates * Proactively monitor cluster health and perform performance tuning activities * Perform capacity planning and expansion activities working across Infrastructure and other enterprise service teams * Perform cluster maintenance with patching/upgrades/migration, user provisioning, automation of routine tasks, re-processing of failed jobs, configure and maintain security policies. * Ensure the Enterprise Data Lake initiative is continually providing unprecedented customer 360 capabilities and associated services at all time. Big Data Analyst KengyCo (Startup) Evanston October 2012 to November 2014 * Worked with most Hadoop distributions Hortonworks * Developed data governance process and controls and ensured compliance with enterprise data architecture principles and standards for the various systems and components. * Analyzing, profiling data for quality and reconciling data issues. * Build, test and deploy Hadoop solutions using most Hadoop ecosystem components. * Administer Hadoop cluster, monitor performance with Ganglia. * Design robust Hadoop solutions for complex business problems. * Utilize new and latest Open Source tools for addressing business challenges. * Work with multiple customer teams and support teams to execute Hadoop engagements. * Integrated Hadoop into traditional ETL, accelerating the extraction, transformation, and loading of

massive structured and unstructured data IT Analyst /Programmer Lorven Technologies September 2010 to October 2012 * Worked both independently and in a team-oriented collaborative environment. * Worked with Microsoft SQL server. * Documented and provided status of project and technical information related to the application/software supported (Web2Py & .NET). * Supported remote users at their home office, hotel, or customer site utilizing remote tools and troubleshooting over phone using VPN. * Knowledge of DSL/Cable Modem Routers, Windows Server 2012 and 2008, CISCO Switches and Routers and VOIP (i.e. Cisco Call Manager). Python developer HealthScape Advisors LLC - Chicago, IL August 2007 to September 2010 * Build command-line app with Restful API layers that cater for end users who are mostly kids. * Pull data out of HTML and XML file with Scrapy/Beautiful soup. * Interacting with web-app using Flask. * Performed Data analysis using Python Pandas. * Processing Data records and returning computed results using Mongo DB Aggregation framework. Parse aggregated data into Apache Solr and graph database Orient DB. Education Bachelor's Skills Apache (3 years), Apache Solr (3 years), Hadoop (5 years), Python (3 years), Solr (3 years) Additional Information Operating Systems: RHEL/Ubuntu Hadoop Ecosystem: Hadoop(HDFS) technology, NFS, Hive, Pig, Sqoop, HBase, Map -Reduce, Ranger, Ranger- Kms, zeppelin, Cloudbreak, Atlas, hUE, Yarn, oozie, falcon, atlas, knox, zookeeper, HAWQ, Flume, SPARK, Zeppelin Distributions: HortonWorks data platform(HDP), Cloudera CDH distribution & Pivotal Big Data Suite Data Logistics Solution: Apache Nifi Data-centric Encryption Security Solution: Protegrity Security: kerberos, knox, Ranger, LDAPS/LDAP, Active Directory Pivotal Big Data Suite: GemFire, Greenplum & HDB Cluster Provision/Auto Scaling: Cloudbreak/ClouderaDirector Cluster Monitoring: Ambari, Cloudera Manager Infrastructure/Configuration Management: SaltStack platform NoSQL Data store: Mongodb, Hbase RDBMS: MS SQL (2012, 2008r2), MySQL, Postgres Cloud/Data Center Solution: EC2, EMR & S3(AWS), EMC(Dell) Search: Solr Programming Languages: PL/SQL, Python & Java Methodologies: Agile

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