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| --- | --- | --- | --- | --- | --- | --- |
| **Lokesh Kumar Kalisetty** | | | | | | |
| **Candidate Contact #** | | **Candidate Email ID** | | | **Candidate LinkedIn** | |
| 727-666-8258 | | [**kumarkalisetty36@gmail.com**](mailto:kumarkalisetty36@gmail.com) | | | <http://www.linkedin.com/in/lokesh-akumar-kalisetty-51775a165> | |
| **Interview POC Name (Supplier)** | | | | **Interview POC Contact # (Supplier)** | | |
| Savita Kumari | | | | 510-516-7812 | | |
| **Current Location:** | Mountain View, CA | | | | | |
| **Willing to relocate? If so, please provide the preferred location:** | Yes | | | | | |
| **Willing to attend in-person interview?** | Yes | | | | | |
| **Availability to Start** | 2 weeks | | | | |  |
| **Notice Period/ LWD on last project** | 1 week | | | | |  |
| **Interviews/ Offers in Pipeline** | Currently NO | | | | |  |
| **LIST ALL EMPLOYMENT FOR THE PAST 7 YEARS** | | | | | | |
| **Dates of Employment**  **(Month/Year – Month/Year)** | **Parent Employer Name /Project Company Name**  **i.e. ABC Staffing / Project at XYZ Client Name** | | | | | **Location** |
| Feb 2018 to Present | Intuit | | | | | Mountain View, CA |
| Nov 2017 to Jan 2018 | Vanguard | | | | | Charlotte, NC |
| May 2016 to Oct 2017 | Bank Of America | | | | | Newark,DE |
| July2014 to Aug 2015 | Hebeon Technologies | | | | | Hyderabad ,India |
| **Supplier Synopsis** | | | | | | |
| **Mandatory Skills**  **(As listed in JD)** | **# of Years Experience** | | **Summary of Candidate’s relevant hands-on experience** | | | |
| Spark | 2+ Years | | •                     Worked on **Spark SQl,** createddata frames by loading data from Hive tables and created prep data and stored in **AWS S3.** | | | |  |
| Scala | 2 Years | | •                     Worked on**spark/Scala** programming to create UDFs. | | | |  |
| Hive | 4 Years | | •                     Exported data using Sqoop into **HDFS**and **Hive** for report analysis. | | | |
| Pig | 3 Years | | •                     Importing and exporting data into **HDFS, Pig, Hive** and **HBase**using**Sqoop**. | | | |
| Map Reduce | 2 Years | | •         Analyzed Hadoop cluster and different big data analytic tools including Map Reduce, Hive and Spark. | | | |
| **Nice to Have Skills**  **(As listed in JD)** | **# of Years Experience** | | **Summary of Candidate’s relevant hands-on experience** | | | |
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| **Additional comments:** | Candidate is local to CA. | | | | | |

**Experience Summary**

* About 5+years of overall Information Technology industry experience enriched with customer orientation. Developer experience in the domains of Banking, Healthcare, Customer Systems, and Big Data.
* Well experienced in the Hadoop ecosystem components like **Hadoop, MapReduce, YARN, HBase, Oozie, Hive, Kafka, RabbitMQ, Sqoop,and Flume** and different Distributions like **MapR, Cloudera, Hortonworks.**
* In depth understanding/knowledge of Hadoop Architecture and various components such as **HDFS, Job Tracker, Task Tracker, YARN, Name Node, Data Node.**
* Worked extensively in Big Data**(Hadoop, Sqoop, & Scala/spark, Hive ,Cassandra)**
* Experienced in **Java, J2EE Technologies, Struts, SpringBoot application and mySQL,oracle.**
* Involved in Spring migration. Converted all standalone Java classes into Spring framework and write into micro services, Restful.
* Managed AWS EC2 instances along with EBS and S3 services.
* Maintain services hosted in AWS managing **EC2 instances, Auto Scaling groups, EBS, ELB, S3, Route S3, RDS** and IAM account management.
* Experience in writing **Micro services Restful**APIs webservices in Java.
* Excellent experience in **AWS (EC2, EMR, IAM, SGs, Lambda Expressions, S3).**
* Build the Kafka, RabbitMQ in AWS and writing Producer Webservice to post the message to Queue and consume the message from queue.
* Administered Hadoop ecosystem components such as **HDFS, MapReduce, Sqoop, HBase, Zookeeper, Kafka and Spark**.
* Experience with building stream-processing systems, using solutions such as Spark-Streaming.
* Worked with **Spark**using **Scala** and worked with Data frames and Spark SQL API for faster processing of data.
* Experience in HDFS data storage and support for running map-reduce jobs,good understanding in deployment of Hadoop Clusters using automated ansible scripts.
* Scheduling Hadoop jobs, disk cleanup and data movement jobs using cron.
* Implemented POC to migrate MapReduce programs into Spark transformations using **Spark** and **Scala**.
* Worked extensively with importing metadata into **Hive** and migrated existing tables and applications to workon **Hive** and **Spark**.
* Involved in moving all log files generated from various sources to HDFS and **Spark** for further processing.
* Used Spark for interactive queries, processing of batch data and integration with NoSQL database for huge volume of data.
* Used **Zookeeper** to provide coordination services to the cluster and Configured Zookeeper to implement node coordination, in clustering support.
* Proven ability to analyze and optimize query performance.
* Experience in Big Data technologies (**Hadoop clusters, Hive, Scala programming &Cassendra DB**).
* Experience in real-time streaming data using **Kafka** and **RabbitMQ**.
* Expert in Spring framework (Maven).
* Written Ansible Playbooks, and roles, automating infrastructure In AWS ,Azure and On Prime servers.
* Automation of AWS and Azure Environment using Ansible Playbooks.
* Written several Playbooks in Ansible for Web-servers, SqlServer, and Monitoring tools etc.
* Build RABBITMQ Environment in AWS from scratch Using Ansible .
* Extensive experience on Project Delivery Coordination through project planning, monitoring & control, change control & configuration management, time & effort estimation, quality & risk management and communication between project stakeholders.
* Specialist in managing all project management and software development life cycle activities required for successful implantation of small, medium and enterprise wide projects.
* Similar expertise in Solution Architecture through Functional Analysis (FA) of Business Requirements; Solution Strategy to Support the FA; Selection & Evaluation for Solution Design; Monitoring & Review of Development/ Customization; Integration & Testing.
* Adept in Team Management skills like tasking, delegation, monitoring, feedback, skill upgrade, competence management, career planning, motivation & mentoring.
* Cohesive Team Player with Fast Learning Curve along with strong analytical, problem solving, innovation, planning, organizational, communication & interpersonal skills.
* Followed Agile/Scrum methodology that included iterative application development, weekly Sprints and stand up meetings.
* Good communication and interpersonal skills, a committed team player and a quick learner.
* Worked closely with the project management team to analyze and consolidate request requirements to improve the decision planning process and meeting project deadlines.
* Defined data requirements and report layouts for the business to review
* Created testing plans, test cases and scripts based on requirements.

**Technology& Skills:**

* **Databases** –DB2, MySQL,Netezza,MySQL, Cassandra and Mongo DB.
* **Distribution Platforms** – Cloudera, Hortonworks &MapR
* **Defect Tracking** – JIRA, Quality Center (QC)
* **Methodologies** –SDLC (Agile, Waterfall)
* **Languages** – Java, J2EE,Structs,Webservices,Scala, Python
* **Version controls**: ClearCase, CVS, GitHub
* **Servers**: Tomcat 6.0 &WebLogic 8.1.3
* **Webservices:** Restful
* **Design patterns**: MVC, Singleton, Factory Patterns
* **Web Scripting:** Java Script, angular JS, ETL, Ajax, CSS
* **Frameworks:** oozie, Struts1.2 ,JSF, Spark, Client configuration chops and hue
* **Cloud:**AWS, Hadoop
* **Version controls**: Github
* **Build tool:** MVN

**Education Details:-**

* Bachelor’s in Electronics and communication engineering from JNTU, Hyderabad, India (2014)

**EXPERIENCE:**

**Intuit,California Feb 2018 to Present**

**Big Data/AWS Developer**

**Description:** Intuit cookbook financial data process and load into database tables for analytical purpose. And also merge the daily files and write into different formats and back into s3 location.

**Responsibilities:**

* Participated in requirement gathering sessions with client business owners, and provided inputs in to creation of Functional Requirement Documents.
* Include driving program scope definition, product planning, risk management.
* Design and develop the framework components.
* Involved in design discussion and decided feasible technology to implement the project.
* Take end-to-end responsibility of the Hadoop/AWS Life Cycle in the organization
* Do in-depth requirement analysis and exclusively choose the work platform.
* responsible for providing technical leadership to small size/complexity/order-value project.
* responsible for defining and documenting architecture, capturing and documenting non-functional (architectural) requirements, preparing estimates and defining technical solutions to proposals.
* provide technical leadership to project team to perform design to deployment related activities, provide guidance, perform reviews, prevent and resolve technical issues.
* Writing Micro services –Rest API call to read stream files and load in HFDS, Another micro services to Pull those files from JMQ queue and validate against original data and processed.
* Write the Lambda function to read the ctrl files from S3 whenever its triggered and compare the missing records from Database.
* Migrated all Hive SQLs to AWS-Athena
* Writing python code to read the Athena sql to calculate the latency and price on each query.
* Migrated DataCatlog service to spring-boot application.
* Converted all the services from dataCatalog to rest service (Spring boot application)
* Writing rest services for Bounty, Add, update, delete bounty values for claim Bounty.
* Writing health check for application and Database.
* Created EMR instances to deploy the Spark application in clusters. (24Vcore and 46 executors)
* Configure in Chesis and chef to run the clusters in AWS.
* Writing AWS – Java API to upload the source files into S3 Bucket and download the files after compare the results.
* Involved in AWS EMR support activities and resolving the user errors.
* As part EMR team we are managing multiple EMR's to support various customers across Analyst/Data Science community.
* Tuning EMR's with respect to Hive on Tez, Spark and PySpark Applications
* Monitoring framework across the EMR's
* Security through Hive SQL Authorization and Kerberized EMR
* AWS migration from on premise Hadoop
* understanding around microservices, containerization, and a business scenario.
* Athena to read data from S3 and query based on usecase and writing the result back to S3
* Used Junit for unit testing of the application and Log4J to capture the logs that includes runtime exceptions.
* Provide solution to the problems in the project
* Written the sections of the Technical Architecture document and System Design Documents.
* Conveys project changes and updates to appropriate team members.
* Resolves and escalates issues in a timely fashion.
* Define and Review delivery objectives, operations metrics, project schedule, timeline, status and manage IT service improvement initiatives.
* Manages day-to-day operational aspects of a project and scope.
* Work on Agile Methodology. Created the Radars based on the Work priority.
* Define and Review the application architectural design for the new requirements
* Daily and Weekly Project reviews with client.
* Determining the resource requirements and hiring the required resources for the project teams.
* Proposal preparations based on client requirement.
* Mentoring and training.

**Environment**: iOS 10, Java 1.8, Hadoop distribution of HortonWorks, ,sqoop, YARN, oozie, hue, Python, Micro services, Json, scala/Spark, Splunk, AWS, Athena,Lambda, EC2,S3, ,Jenkin, github,Openshiftand Agile model(Scrum), Spring-boot. Tomcat.

**Vanguard, Charlotte, NC Nov 2017 to Jan 2018**

**Big data/Aws developer**

**Description:**Worked on Cleanse and Validate code, developed a toggle code for separation of application from institutional and retail.

**Responsibilities:**

* Worked on **Spark SQl,** createddata frames by loading data from Hive tables and created prep data and stored in **AWS S3.**
* Created FTP scripts for **sqoop** data from DB2 and save in **AWS as Avro formatting.**
* Analyzed Hadoop cluster and different big data analytic tools including Map Reduce, Hive and Spark.
* Created Sqoop jobs to import the data from **DB2** to **HDFS.**
* Exported data using Sqoop into **HDFS** and **Hive** for report analysis.
* Created  **Oozie** Workflow to run the scheduled job by using Sqoop to connect mySQL database and convert the mySql data into AVRO and write into to HDFS.
* Created a LFTP to copy data from edgenode to EMR and EMR to S3.
* Wrote Hive queries for data analysis to meet the business requirements.
* Worked on **spark/Scala** programming to create UDFs.
* Install and configure the MapR Hadoop cluster with 5 nodes.
* Automated the shell script to carry the MapR cluster maintenance and configure the tasks.
* MapR cluster deployment on AWS using ansible cli(cloud formation templet)
* Writing Micro services –Rest API call to read stream files and load in HFDS, another micro services to Pull those files from Kafka queue and validate against original data and processed.
* Writing sqoop to read data from mysql database and generating AVRO, version will be updated into metastore.
* Process has been automated using oozie workflow. Hue is the destination point where the files will be stored.
* Versions will be updated into metastore and HCatalog.
* Write the Lambda function to read the ctrl files from S3 whenever its triggered and compare the missing records from Database.
* Submitted **POC** on checking the best compression techniques, for compressing data.
* Used Spark API over Cloudera Hadoop YARN to perform analytics on data in Hive.
* Experienced in performance tuning of Spark Applications for setting right Batch Interval time, correct level of Parallelism and memory tuning.
* Optimizing of existing algorithms in Hadoop using Spark Context, Spark-SQL, Data Frames and Pair RDD's.

**Environment**:Spring tool suite(STS),Rest-services, Spark,Scala,Sqoop, Bash script,AWS(EMR, EC2,S3) GitHub, hive, map-reduce, db2,shell scripting,oozie,python.

**Bank Of America, Newark,DE May 2016 to Oct 2017**

**Hadoop Developer**

**Description**: Rewards Analytics Platform engages customers by providing offers based on their past behavior. The platform is build on Hadoop ecosystem with HDFS/HBase being the primary data storage. Map reduce jobs are written in Hive and Java.

**Responsibilities:**

* Installed and configured **Hadoop MapReduce, HDFS**, Developed multiple MapReduce jobs in java for data cleaning and processing.
* Importing and exporting data into **HDFS, Pig, Hive** and **HBase** using **Sqoop**.
* Managing and reviewing Hadoop log files.
* Worked on loading and transformation of large sets of **structured, semi structured** and **unstructured** data into Hadoop system.
* Responsible to manage data coming from different data sources.
* Developed simple and complex MapReduce programs in Java for Data Analysis.
* Load data from various data sources into **HDFS** using **Flume.**
* Implemented Partitioning, Dynamic Partitions, Buckets in **HIVE**.
* Developed Java MapReduce programs for the analysis of sample log file stored in cluster.
* Used Hive and created Hive tables and involved in data loading and writing Hive UDFs.
* Responsible for spooling data from DB2 sources to **HDFS** using **sqoop**.
* Created HIVE tables and provided analytical queries for business user analysis
* Extensive knowledge on **PIG scripts** using bags and tuples.
* Created tables in **HIVE** by partitioning and bucketing for granularity and optimization of **HIVEQL.**
* Involved in identifying job dependencies to design workflow for Oozie and resource management for YARN
* Capturing data from existing databases that provide SQL interfaces using Sqoop.
* Efficient in building pig, hive and map-reduce scripts.
* Cluster coordination services through **Zoo Keeper**.
* Involved in loading data from UNIX file system to HDFS.
* Installed and configured Pig, Hive and also written **Pig** and **Hive UDFs.**
* Automated all the jobs, for pulling data from FTP server to load data into Hive tables, using **Oozie workflows.**
* Involved in creating Hive tables, loading with data and writing hive queries which will run internally in map way.
* Exported analyzed data to relational databases using Sqoop for visualization to generate reports for the BI team.

**Environment: HDFS**, Map Reduce, Pig, Hive, Hbase, Sqoop, Flume, Zoo Keeper, Oozie, java ,PL/SQL

**Hebeon Technologies ,Hyderabad ,India July2014 to Aug 2015**

**Java/J2EE Developer**

**Description:**This project is responsible for the delivery of two business applications, Enterprise Service Management and Enterprise Invoice Management. As the name implies, the intent of each of these applications is to provide a specific set of functionality, which can be used by multiple agencies or business units within the Executive Office of Finance and Human Services.

**Responsibilities:**

* Involved in developing, testing and implementation of the system using **Struts, JSF,** and **Hibernate**.
* Wrote Action servlets, form beans using struts **MVC** framework (Srtuts1.1) for the modules.   
  Used various Core Java concepts such as Exception Handling, Collection APIs to implement various features and enhancements.
* Written SQL statements for manipulating database, using **JDBC**.
* Wrote many Java Scripts to do Event Handling, Client-side validations.
* Created DML statements to insert/update the data in database and also created DDL statements to create/drop tables to/from oracle database.
* Involved in writing **SQL queries**, Stored procedures.
* Designed and Developed **JSP** component, implemented event handling using **Java, AJAX** and **JavaScript**.
* Written SQL statements for manipulating database, using **JDBC**.
* Developed common style sheets and common **JavaScript** functions.
* Designed and developed Web Services to provide the interface to the various clients running on both Java and Non-Java applications using **SOAP** and **WSDL**.
* Asynchronous messaging is executed by utilizing **JMS API** for point to point messaging.
* Used Subversion for source code version control. Developed unit test cases using **JUnit**.
* Involved in the code fixing and system testing activities.
* Involved in Design with **UML** diagrams and developed the application accordingly.
* Involved in developing stored procedures, triggers & Views.
* Handled client calls in helpdesk during maintenance period.

**Environment:** Core Java, J2EE, JSF, Web services, JSP, JSTL, JNDI, HTML, XML, Java Script, Ajax, XML, DOM, SOAP, DB2, Views, JUnit, Oracle, and UNIX.