**Kalyan G**

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# Professional summary:

* Over 7 years of professional IT experience which includes over 3 years of experience in **Big data ecosystem related technologies** and continuous work experience in **Java**.
* Experience in architecting, designing, installation, configuration and management of **Apache Hadoop Clusters, MapR, Hortonworks & Cloudera Hadoop Distribution**.
* Experience in managing the Hadoop infrastructure with **Cloudera Manager**.
* Experienced in Big Data Ecosystem with **Hadoop, HDFS, MapReduce, Pig, Hive, HBase, Impala, Sqoop, Flume, Kafka, Oozie, Spark, PySpark and Spark Streaming**.
* Proficient in **Java, Python, and Scala** in **Apache Spark**.
* Strong experience with **Pig, Hive, Impala, MapReduce** in Hadoop Ecosystem.
* Experience in setting up and maintaining **Hadoop cluster** running **HDFS** and **MapReduce** on **YARN**.
* Strong Database Experience on **RDBMS (Oracle, MySQL) with PL/SQL** programming skills in creating **Packages, Stored Procedures, Functions, Triggers & Cursors**.
* Extensive familiarity with **SQL, Oracle** and **MySQL** database management.
* Good exposure on usage of **NoSQL** databases column-oriented **HBase**, **Cassandra** and **MongoDB** **(Document Based DB).**
* Experience in importing and exporting data using **Sqoop** from **HDFS** to **Relational Database Systems (RDBMS)** and vice-versa.
* Exposure on the **HBase** distributed database and the **ZooKeeper** distributed configuration service.
* Handling and further processing **schema oriented** and **non-schema** oriented data.
* Using **Spark Streaming**, ingested data from **Kafka**, **TCP sockets** and processed with high-level functions such as **map, reduce, join and window**, and processed data is pushed out into file systems and/or databases.
* Involved in loading and transforming large sets of **structured data** from router location to EDW using a **Nifi** data pipeline flow.
* Designed Data flow to pull the data from **Rest API** using **Apache Nifi** with **SSL** context configuration enabled.
* Experience in implementing unified data platforms using **Kafka producers/ consumers**.
* Developed **Kafka** **consumer** to receive and store real time data from **Kafka** to **Amazon S3.**
* Experience in building **Scala**, **Spark SQL** and **MLlib** libraries along with **Kafka** and other tools as per requirement then deployed on the **Yarn cluster**.
* Using unified analytical tool; **Databricks (PySpark, SparkSQL, Scala, DataFrames, Datasets etc.)**
* Experienced with distributions including **Amazon EMR 4.x** and **Hortonworks HDP 2.2**
* Deployed Web Application on **Amazon EC2.**
* Used **Amazon EMR** for **processing big data** across a **Hadoop cluster** of virtual servers on **Amazon Elastic Compute Cloud (EC2)** and **Amazon Simple Storage Service (S3).**
* Working experience on **C****ore java** technology, which includes **Class-design**, **Multithreading**, **I/O&JDBC**, **Collections**, **Localization**, ability to develop new **API** for different projects.
* Excellent proficiency in **Tomcat Apache** and IIS web servers
* Strong hands-on development experience with **Java, J2EE (Servlets, JSP, Java Beans, EJB, JDBC, JMS, Web Services)** and related technologies.
* Strong experience developing **J2EE** applications, Enterprise Applications using **Java**, **J2EE**, **Spring Framework, Hibernate, Web Services (SOAP and RESTFUL) and Junit Testing**.
* Experience in building, deploying and integrating applications in Application Servers with **ANT, Maven** and **Gradle**.
* Experience working in **MVC** framework using Spring Framework including **Spring MVC, Spring IOC, Spring JDBC**.
* Experience with front end technologies **HTML (5), CSS, JavaScript, XML and jQuery.** Worked extensively on different databases **Oracle, MySQL** and have good database programming experience with **SQL**.
* Experienced with the entire **Software Development Lifecycle (SDLC)** of applications: gathering requirements, analysis, conceptual and detail design, development, verification and testing.
* Experience in using IDE tools such as **Visual Studio, NetBeans, and Eclipse** and application servers **WebSphere, WebLogic** and **Tomcat**
* Expertise in all phases of System Development Life Cycle Process (SDLC), **Agile** Software Development, **Scrum** Methodology and Test-Driven Development.
* Used **Tomcat server** for the application development and Utilized **JIRA** for task scheduling.
* Experience in using Version Control tools like **Git, SVN.**
* Experience of application development in different environments like **Windows** and **Linux**.