Sudhakar J

Objective

To apply an Innovative thoughts and technology to the success of business and that should make people's life better.

Professional Profile

- **4+ years** of overall **IT** experience in Application Development in **Big DataHadoop**and **Java.**
- **2+ years** of exclusive experience in **Hadoop** and its components like **HDFS, Map Reduce,Apache Pig, Hive, Sqoop and Oozie.**
- Extensive Experience in Setting Hadoop Cluster.
- Involved in writing the Pig scripts to reduce the Job execution time.
- Expertise in Hadoop Eco systems like HDFS, Map Reduce, PIG, Hive, Sqoop for Scalability, Distributed computing and High performance Computing.
- Experience in installing, configuring, testing Hadoop ecosystem components.
- Extensive involvement in all stages of Systems Development Life Cycle (SDLC) including Requirements, Analysis, Design, Development, Implementation and Support.
- Hands on Experience with various IDE's for development of project (RTC, RSA 7.x, 8.x RAD and Eclipse).
- Hands on Experience of full life cycle of Web Applications using Java, J2EE, struts, spring.
- Hands on Experience in WebSphere Application Server.
- Implementation of Agile Software Development in project.

Professional Experience

- Software Engineer in **IBM, Bangalore** from **September 2014 to till date**.
- Software Engineer in **NetApp,Bangalore** from **July 2011 to August 2014.**

Qualification

Master of Computer Application (MCA) from Osmania University, Hyderabad

Technical Skills

Operating Systems	**:** Windows 7/8, Linux (Centos).
Languages	**:** Hadoop, Java.
Databases	**:** Oracle, MySQL, DB2.
Ecosystems	**:**Map Reduce,Apache-PIG, Sqoop, Apache-HIVE, Oozie.
J2EE Technologies	**:** Servlets, JSP, JDBC.
Frameworks	**:** Hibernate 3.x,Spring 3.x, Struts 1.x and Struts 2.x.
Servers	**:** Apache Tomcat, Web Sphere 7.x, 8.x.
IDEs	**:** Eclipse, MyEclipse.
Development Tools	**:** Rational Application Developer, Rational Software Architect.
Project Management	**:** Agile Methodology.

Projects:

Project :4	Banking and Financial Services.
Client	Oversea-Chinese BankingCorporation (OCBC)
Role	Team Member.
Team Size	15.
Environment	Hadoop (HDFS), Apache Pig, Hive, SQOOP, Java, MySQL, VMware, Linux (Centos).
Project Duration	September 2014to Till Date.

Description: -
The largest banks in Singapore–Malaysia markets have been widely successful with its customer - focused big data initiatives. The Oversea-Chinese Banking Corporation (OCBC) analyzed historic customer data to determine individual customer preferences. It designed an event- based marketing strategy that focused on a large volume of coordinated, personalized marketing communications across multiple channels and touch points including email, call centers, branches, ATMs, direct mail, text messages and 3G mobile banking.

 Today, using marketing algorithms atop a sophisticated analytics infrastructure, OCBC more precisely targets customers based on their activity, yielding double- and triple-digit percentage increases in key customer performance metrics since the program began in 2005. OCBC achieved a positive return on investment (ROI) on its implementation within 18 months. The promise of achieving significant, measurable business value from big data can only be realized if organizations put into place an information foundation that supports the rapidly growing volume, variety and velocity of data.

Responsibilities:-

- Developed the Map Reduce Code for analyzing the data.
- Written the Apache PIG scripts to process the HDFS data.
- Created Hive tables to store the processed results in a tabular format.
- Loaded the result into Hive table for querying.
- Involved in gathering the requirements, designing, development and testing.
- Writing the script files for processing data and loading to HDFS.
- Analyzed the requirements in functional specification document.
- Completely involved in the requirement analysis phase.
- Following Agile Methodology and attending scrum calls.

Project :3	Target – Web Intelligence.
Client	Target Minneapolis, Minnesota, USA.
Role	Team Member.
Team Size	12.
Environment	Hadoop(HDFS),MapReduce, Apache Hive, SQOOP, Java, MySQL, Linux (Centos).
Project Duration	July 2013 to August 2014.

Description: -
        This Project is all about the rehousting of their (Target) current existing project into Hadoop platform. Previously Target was using MySQL DB for storing their competitor's retailer's information. [The Crawled web data]. Early Target use to have only 4 competitor retailers namely Amazon.com, walmart.com etc

But as and when the competitor retailers are increasing the data generated out of their web crawling is also increased massively and which cannot be accomodable in a MySQL kind of data box with the same reason Target wants to move it Hadoop, where exactly we can handle massive amount of data by means of its cluster nodes and also to satisfy the scaling needs of the Target business operation.

Responsibilities:-

- Moved all crawl data flat files generated from various retailers to HDFS for further processing.
- Written the Apache PIG scripts to process the HDFS data.
- Created Hive tables to store the processed results in a tabular format.
- Developed the Sqoop scripts in order to make the interaction between Pig and MySQL Database.
- Involved in gathering the requirements, designing, development and testing.
- Writing the script files for processing data and loading to HDFS.
- Writing CLI commands using HDFS.
- Completely involved in the requirement analysis phase.
- Analyzing the requirement to setup a cluster.

Project :2	Health Insurance Tracker.
Client	MediBank, Melbourne.
Role	Team Member.
Team Size	9.
Environment	Java, JSP, Struts, Spring, Hibernate, Eclipse, Tomcat, and Oracle.
Project duration	May 2012to June 2013.

Description: -

HIT (Health Insurance Tracker) Application will be implemented as a product which will be useful various companies offering Health Insurance .Once Customer takes the Health Insurance we can add all information about customer including personal, insurance details etc. Customer premium details will be stored in HIT and then will be tracked. When customer gets the health problem and joined in the hospital, then customer should collect all the bills and submit to Company. Later company people will verify the details whether it is correct or not and then enter the verification details into the HIT. Credit manager verifies and then sanctions the amount for customers.

Responsibilities:-

- Designed JSP's as per the Requirement.
- Implemented Action Classes.
- Implemented Form Beans and their Validations.
- Written Spring Service Interfaces and their implementations.
- Injected Spring Services into Struts Action classes.
- Written Spring DAO's and their implementations With Hibernate.
- Injected Spring DAO's into Spring Services.
- Written Hibernate components.

Project :1	Web Based Transportation.
Client	Star Shipping International, U.K.
Role	Team Member.
Team Size	5.
Environment	Java, JSP, Struts, JDBC, Eclipse, Tomcat, Oracle.
Project duration	July 2011 to April 2012.

Description: -

      This Application is for a Logistics company. The System is a portal that enables to do online transactions with their Dealers, Distributors and Suppliers, They have to login for viewing the information about their Financial status, Order Status, Stock Status, Credit points given to them for the usage of web services. They will be provided with an E-Mail service to contact with the staff of the company who ever responsible for giving the information about their requirement. They can also view information like warranties given on spares of different products, training programs, Troubleshooting help of some products, products catalogs, etc. They can post their new order for the products.

Responsibilities:-

- Designed JSP's as per the Requirement.
- Implemented Action Classes.
- Implemented Form Beans and their Validations.
- Implemented DAO's with JDBC.