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###### Mimant Kumar Meshram

### Profile

* 8 years and 7 months of IT industry experience encompassing a wide range of skill set.
* 2 years of experience on Big Data Technologies.
* Sound understanding of the Hadoop architecture concepts.
* Extensive experience with analysis, design, development, testing and implementation of software applications.
* Proficient in analyzing and translating business requirements to technical requirements.
* Strong database and analytics skills and development knowledge
* Experience in roles – Team Lead.
* Executed software projects for Supply chain domain, Banking domain, and Pharmaceutical industry
* Good communication skills, interpersonal skills, self-motivated, quick learner, team player.

### Skill Set

**Echo System :** Hadoop (Cloudera Distribution Hadoop 2.0.0-cdh4.7.0)

**Analytics tools:** Hive, PIG, MapReduce

**NoSQL Database:** HBase, Cassandra

**File system:** HDFS

**RDBMS Databases:** MySQL, Oracle, DB2400,

**Languages:** Core Java,RPGIII, RPGIV

**O/S:** Linux, OS/400, Windows

**Processes:** IBM’s QMS (Quality Management System), LEAN Methodology

**Other Tools: Oozie, Sqoop, Flume, HUE, SQL, Zookeeper**

### Education:

* Bachelor’s in Electronics and instrumentation Engineering – SGSITS (Deemed to be NIT) 2002, Rajiv Ghandi Proudyogiki Vishwavidyalaya, India,

### Professional Experience

Oct 07 – Till date, Team Lead/IBM Global Services, Pune, India

IBM - HSBC, Duration: Aug 12- Till date Role: Team Lead

Cluster configuration and capabilities:

10 Nos of **IBMx3630 M4 Machines**.

Cluster data handling capacity 84 TB

Each one of 7 Data Nodes have:

**RAM** = 192 GB.

**Total number of discs** = 12 discs of 4 TB each.

**CPU** = 2 Xenon 8 Cores each.

**Cores** = 16 Cores. **MR Slots** = 24

We are the part of central log review service. This process is related to the Audit of the production support work done in order to maintain around 1000 payments and settlements applications. These applications are hosted across all the current era’s technologies encompassing mainly AS400, Mainframes, Oracle, DB2, Unix and Linux environment. Together these systems are generating around 5-6 TB of log data per day that needs to be analyzed in order to catch any suspicious activity performed by the production support staff. This analysis is very much required as these are the systems that handle all the money transactions in and out of the bank.

This process came out as a recommendation from the audit committee that wants these logs to be analyzed by the independent reviewer system. We are using Sqoop and Flume to ingest the logs data in HDFS. Sqoop is used for the applications that use DB2400 and Oracle, and Flume agent is used for the Linux and unix platforms to stream the logs.

Recently Oozie has been implemented as the workflow Scheduler and now the Sqoop/hive/PIG scripts have been added in it to schedule the data flow in and out of HDFS.

The data has been primarily analyzed by the Hive jobs and the final reports get generated and placed on one for the servers having Oracle databases again using Sqoop scripts. These reports are having the information primarily about the Application, user name, job name, suspicious commands, Geographic locations etc. The Application owners are using reporting tools to pin point the suspicious activities and then raising the ISR to investigate further with Business.

* Develop HIVE/PIG queries to enhance the reporting.
* Write UDFs to support HIVE and PIG.
* Look into the jobs if they fail and resolve the issues.
* Setup jobs in Oozie
* Give KT to new team members.

IBM - Manheim, Duration: Sep 11- July 12 Role: Team Lead

Manheim vehicle remarketing solutions provides the platform to various car companies to sale their vehicles in the open auctions that Manheim conducts. Manheim gets the assignment information from the car companies in which the vehicles information is provided, that the company wants to put in the auction. Then the company sends the vehicles to the Manheim auction, and the auction do the marshalling in which they verify the inventory and put them in the yard and send the final inventory confirmation to the company.

In the auction the registered buyers and open buyers can participate as per the company policies. Once the vehicle is sold in the auction the sold vehicle information is sent to the company, and the sold vehicle information is sent to the history file that can be referred in the future. This completes one cycle of transaction.

**Factory Support –** In factory support area, I am primarily responsible for the Chrysler and Mercedes account. In which I need to handle all the transmission issues between Manheim to them in both the ways.

* Work on severity 1 and severity 2 supports for Factory.
* Communicate the progress and resolution of the production issue to the users using the Remedy tool.
* Work on the development and changes and QA support for the changes due to incidents.
* Participate in the Bi-weekly CAB meeting to discuss the changes being promoted to production.
* Do Unit and integration testing and also supported the UAT testing.
* Provided suggestions in weekly review meeting.
* Promoted AS/400 objects to the next level (testing and production machines) using ALDON change management tool.
* Supported the implementation and post implementation of the changes.
* Lead the project for Toyota enhancement from Onsite.

**Environment:**  Integrated Language Environment with DB2 as Backend.

IBM - Restoration Hardware (GT Nexus) Duration: Jul 10- Aug 11 Role: Senior system Analyst

For better visibility to the PO life cycle as well as tracking both domestic as well as foreign Po’s GT Nexus will be used. This project of getting GT Nexus up and running with all required data will be divided into multiple phases.

**GTN Phase1 -** This phase is to make sure the data for new Po’s created and changes to the Po’s are sent across to GT Nexus. This tool will help business track the shipments from vendor location for the Po’s as well as will also be the system through which the vendors and buyers will be able to communicate.

**GTN Phase2 -** In the phase 2 of the GTN sends the shipment information to the CWD through MULE. This data is having information about the various stages of the merchandize while it is travelling to the destination from the vendor facility. This data is used to communicate the expected arrival date to distribution centers and Customers in case of drop ship orders.

IBM - Restoration Hardware (BOMG) Duration: Dec 10- Aug 11 Role: Senior System Analyst

The backorder management tool is developed to manage the backorder notification provided to the customers if the inventory goes backorder. It was a very challenging job to convert it from batch driven to user intervention and user interaction driven.

* Worked with client’s business analyst to understand and gather the requirements.
* Developed the objects required to achieve the desired functionality.
* Done Unit and integration testing and also supported the UAT testing.
* Provided suggestions in weekly review meeting.
* Promoted AS/400 objects to the next level (testing and production machines) using ALDON change management tool.
* Supported the implementation and post implementation of the projects.

**Environment:**  Integrated Language Environment with DB2 as Backend.

IBM - Amerisource Bergen Duration: Oct 07 - Jun 10 Role: Team Member

As a team member and backup team lead responsible for Analysis, design, development, testing and production support of warehouse management system of Amerisource Bergen.

* Provide production support for “Warehouse Management System” application.
* Use ManageNow for managing problem tickets and change tickets for the project.
* Handle Ad-hoc requests by clients (provide answers to clients’ queries on the application).
* Guiding team members on functional and technical tasks.
* Promoting AS/400 objects to the next level (testing and production machines) using Turnover tool.
* Analyzing issues initiated by the applications Subject Matter Expert (SME).

**Environment:**  Integrated Language Environment with DB2 as Backend.

**Achievements:** Received a Special Thanks Award for performing excellent development and support tasks.

Feb 06– Sep 07, System Engineer HSBC GLT, Pune

HSBC GLT- Islamic Finance Duration: Feb 07- Sep 07 Role: Team Member

There has been an increasing need among the Muslim community for financial products and services that conform to the Shari’ah (Islamic Law). With the development of viable Islamic alternatives to conventional finance, Muslims are beginning to find Shari’ah compliant solutions to their needs.

* As a team member I have to understand the HLD and based upon that I have to create

LLD. I kept these documents in the quality center for review.

* After review and approval of the LLD I used to code the functionality and run unit testing on it.
* Handle integrated testing with the other modules which gives inputs or takes output from currently created functionality.
* Uploading the test cases to the quality center tool to get reviewed by my onsite manager. These test cases will be used as ready reference by the testing guys at the testing stage of the project.
* Guiding team members on functional and technical tasks. Also provide them the domain knowledge by giving them presentation time to time.
* Configure the MQ manager and queue on the AS/400, as it requires communication with the MF as front end.
* Analyzing technical issues and identified them before they appear due to my excellent skills in ILE concepts.

**Environment:**  Integrated Language Environment with DB2 as Backend.

HSBC GLT- HIE-R1 Analysis Duration: Sep 06- Jan 07 Role: Team Member

R1 is an analysis project. This project covers the analysis of various existing Import and Export functions. The main tasks in this project are, to capture the whole flow of each function and give it in spread Sheet and draw the ER (Entity Relationship) diagram for that function using RATIONAL ROSE tool.

* As the R1 is an analysis project I debugged the programs to the get the flow of existing functionality.
* I used IBM Rational Rose tool to produce the ER (Entity Relationship Diagram) of the functionality. These diagrams were reviewed and kept in the repository for the R2 phase by my onsite manager.
* I helped my new team members in this project to learn the debugging concepts and generate the ER diagrams.

**Environment:** Windows2000, STRDBG, DB2 as backend.

HSBC GLT- Import EDI Duration: Feb 06- Aug 06 Role: Team Member

Import EDI (Electronic data interchange), is the project made for HSBC Seoul (Korea). This project is

Meant for automation of generating advices and place it in shared drive using IFS (Integrated file

Structure). Earlier the advices were generated manually and it was taking good amount of man-hours.

* As a team member I have to understand the HLD and based upon that I have to create

LLD. I kept these documents in the quality center for review.

* After review and approval of the LLD I used to code the functionality and run unit testing on it.
* Handle integrated testing with the other modules which gives inputs or takes output from currently created functionality.
* Uploading the test cases to the quality center tool to get reviewed by my onsite manager. These test cases will be used as ready reference by the testing guys at the testing stage of the project.
* Guiding team members on functional and technical tasks. Also provide them the domain knowledge by giving them presentation time to time.
* Used integrated files structure system to generate advices.
* Worked on job scheduler to schedule the job to run in the batch mode. The batch mode is working when the normal banking hours are finished.
* Analyzing technical issues and identified them before they appear due to my excellent skills in ILE concepts.

Environment: Integrated Language Environment with DB2 as Backend, Batch debugging.

**References:** Available upon request