

EXPERIENCE SUMMARY:

- **8.3 years of experience in Testing and Database Testing in Windows and Web Applications. Experience in designing and testing ETL solutions in data warehousing & business Intelligence projects. Experience in Insurance Domain.**
- **Testing in Hadoop using Hive, spark, HBase, Pig, sqoop.**
- Extensive exposure to Unix/Linux shell scripting while designing of batch process.
- Exposure to latest technologies like Hadoop on CDH 5.2 and CDH 4.6 (Sqoop, Hive, Spark, HBase, Scala Impala, Pig).
- Proficient in testing hive scripts, preparing test plan/Strategy and preparing data for testing.
- Proficient in preparing High Level and Low level design document after understanding details from Client.
- Proficient in preparing test environment required for testing hadoop scripts.
- Proficient in writing sqoop jobs for ingesting data into hadoop environment as well as exporting data from hadoop.
- Very good Analytical skills. Can catch issues as well as fix them quickly.
- Proficient in understanding business processes / requirements and translating them into technical Requirements.
- Experience in creating unit test plan and unit test cases based on technical specifications.
- Capable of working as an individual as well as a part of team.
- Involved in loading data from LINUX and UNIX file system to HDFS.
- Supported in setting up QA environment and updating configurations for implementing scripts with Pig.
- Familiar with data architecture including data ingestion pipeline design, Hadoop information architecture, data modeling and data mining.
- Experience optimizing ETL
- Developed Hive and raw scripts to parse the raw data, populate staging tables and store the refined data in partitioned tables in the EDW.
- Created reports for the BI team using Sqoop to import data into HDFS and Hive.
- Managed and reviewed Hadoop log files.
- Tested raw data and executed performance scripts.
- Created scripts to automate the creation of config files required during execution of hadoop scripts.
- Expensively created queries using hive and impala(well versed with all functions used there.)
- Proficiency in control-M Scheduling.

- Proficiency in ETL testing for informatica, testing workflows, sessions etc.
- Proficient in Data warehousing testing using stored procedures,sql queries.
- Proficient in BI testing using tools such as cognos.well versed with cube processing, mdx queries, slicing, dicing and drilling functions. Also well versed testing by creating pivots etc .
- Proficient in Analysis of BI charts and tabular data for different time periods and prompt values.

Additional 2 years' experience of non IT work in Cool-Gen Technology that includes Requirement gathering and Business Analytics.

- o Working in 1E systems as senior Quality Analyst.
Worked with Aon Hewitt (Formerly Hewitt Associates), Gurgaon as Test Engineer II
- o Worked with Influxive Technologies India Pvt Ltd. as a Consultant since Sep 2011 to Aug 2014
- o Worked with Aviva life insurance as a Senior Programmer analyst from Dec 2007 to Feb 2011

EDUCATIONAL QUALIFICATION:

B-Tech 75.4%
U.P. Technical University

TECHNICAL SKILLS

SKILLS SUMMARY:	
Database	Oracle, IBM DB2 , SQL Server
Testing tools	QTP , HPQC 11
ETL	knowledge of Informatica ,Hadoop
Other Skills	Cognos Report Studio, Cognos Query Studio, Advance Query Tool, Toad
CRM	Maestro
Other Tools	Database tool TOAD 9.0., Client Server Encyclopedia,TFS,Jira.
Technology	Hadoop,Hive,Spark,Pig,HBase
Operating Systems	UNIX/LINUX, Windows

Scheduling Tools	Control M,Oozie
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Project Details: [Sept-2017 to Present]

1.)App Clarity reporting

Company : 1E, Noida

Technologies : CDH 5.2 Hadoop- sqoop,hive,impala Shell scripts, power BI, highcharts.

Scope: This project is basically a poc project indented to create a reporting Dashboard for App Clarity Project. AS per the scope we need to test possible reporting on power BI by ingesting data through sqoop scripts and processing in Hive

Basically AppClarity is aimed at SAM users, helping them to get to grips with software waste, take control of license compliance and manage application portfolios easily. It offers an immediate reduction in software costs by helping you manage your software assets on both desktops and servers more effectively and maintain software license compliance.

Measures needs to be developed on which reporting needs to be done.

For Preparing reporting scripts data from different sources (data stored in DB2 and files) are ingested to hadoop raw environment using sqoop. Utilizing these raw tables ETL scripts are written in hive and reporting is done on power BI and high charts.

Key Responsibilities:

- Creation of Test Plan/Strategy and preparing the high level design based on Client requirements.
- Designing the technical design specifications and program specification documents for Hive jobs.
- Proper testing of scripts as well as Data Profiling and governance.
- Analyze the Data and report to Client for any conflicts with their requirements
- Development & testing of sqoop import jobs to pull data from relational Database and files
- Development & testing of Hive jobs.
- Creation of DDL structure in hive in Text, RC and Parquet format

Project Details: [Feb-2017 to April 2017]

1.)Executive Dashboard

Company : Aon Hewitt, Gurgaon

Technologies: CDH 5.2 Hadoop- sqoop, hive, impala Shell scripts

Scope: This project is indented to create a reporting Dashboard for Good Year Client. As per the BRD given by Client 24 measures needs to be developed on which reporting needs to be done.

For Preparing reporting scripts data from 5 different sources (data stored in DB2 and files) are ingested to hadoop raw environment using sqoop. Utilizing these raw tables ETL scripts are written in hive to create reporting. This project is being build on very stringent timelines and delivered within 2 months with no UAT defects.

Key Responsibilities:

- Creation of Test Plan/Strategy and preparing the high level design based on Client requirements.
- Designing the technical design specifications and program specification documents for Hive jobs.
- Proper testing of scripts as well as Data Profiling.
- Analyze the Data and report to Client for any conflicts with their requirements
- Development & testing of sqoop import jobs to pull data data from relational Database and files
- Development & testing of Hive jobs.
- Creation of DDL structure in hive in Text, RC and Parquet format

Project Details: [Oct -2016 to Till Jan 2017]

2.)Oracle Right Now

Company : Aon Hewitt, Gurgaon

Technologies : CDH 5.2 Hadoop- sqoop,hive, impala, pig Shell scripts

Scope : This project is indented to create a Cross Client reporting. As per the BRD given by CIBA 64 measures needs to be developed on which reporting needs to be done.

For This project API is being build to ingest data from ORNC site into hadoop environment(3 Sites are there depending on Standalone or EM Clients) .

For the raw data Hive scripts have been prepared to create reporting. From these reporting tables tableau dashboards are created for Client Interface.

Key Responsibilities:

- Creation of Test Plan/Strategy and preparing the high level design based on Client requirements.
- Designing the technical design specifications and program specification documents for Hive jobs.
- Proper testing of scripts as well as Data Profiling.
- Analyze the Data and report to Client for any conflicts with their requirements
- Development & testing of sqoop import jobs to pull data from relational Database and files
- Development & testing of Hive jobs.
- Creation of DDL structure in hive in Text, RC and Parquet format.

Project Details: [Mar -2016 to Till Oct 2016]

2.)SLA Waiver

Company : Aon, Gurgaon

Technologies : CDH 5.2 Hadoop- sqoop,hive, impala, pig Shell scripts

Scope : This project is intended to create tableau reports for a new enhancement. As per the BRD given by CIBA new report that is Benifits Client report needs to be developed which will adjust SLA if no of calls coming is greater than forecasted calls .

Key Responsibilities:

- Creation of Test Plan/Strategy and preparing the high level design based on Client requirements.
- Designing the technical design specifications and program specification documents for Hive jobs.
- Proper testing of scripts as well as Data Profiling.
- Analyze the Data and report to Client for any conflicts with their requirements

- Development & testing of sqoop import jobs to pull data data from relational Database and files
- Development & testing of Hive jobs.
- Creation of DDL structure in hive in Text, RC and Parquet format.

Project Details: [Oct -2015 to Till Mar 2016]

2)Salesforce

Company : Aon Hewitt, Gurgaon

Technologies : CDH 4.6 - Hadoop- sqoop,hive, impala, pig Shell scripts

Scope : Project is intended to fetch data coming from salesforce(data for user's, accounts, case, etc.) and load it to Hadoop tables for business analysis.

Key Responsibilities:

- Designing the technical design specifications and program specification documents for Sqoop, Pig jobs.
- Development & testing of sqoop import jobs to pull data data from relation source
- Development & testing of pig jobs to implement required business logic.
- Creation of DDL structure in hive in Text, RC and Parquet format as per requirement.
- Creation & testing of validation sql scripts to verify data b/w source and target and middle layers of ETL Process.
- Preparing & design the documentation and user guide.

1.)LDW to HDH migration

Company : Aon Hewitt, Gurgaon

Technologies : CDH 5.2 Hadoop- sqoop,hive, impala, pig Shell scripts

Scope : Project is intended to migrate the informix data warehouse basedto the Hadoop system. The project scope was to retire the Informixbased warehouse and move the processing and reporting to Hadoop towwhich would help in cost cutting and have a common data hub for theorganization.

Key Responsibilities:

- Designing the technical design specifications and program specification documents for Pig jobs
- Development & testing of sqoop import jobs to pull data data from relation source
- Development & testing of pig jobs to convert the Informix ETLS to Pig scripts.
- Creation of DDL structure in hive in Text, RC and Parquet format as per requirement
- Creation & testing of validation sql scripts to verify data b/w source and target and middle layers of ETL Process
- Creating unix shell scripts to setup automated monitoring.
- Preparing & design the documentation and user guide

3.)Financial Manager

Company : Aon Hewitt, Gurgaon

Technologies : Informatica 8.6 , Cognos7.2 , UNIX , Informix

Scope : The current Financial Manager reporting tool provides enrolment and financial information about a Client company's Health and Welfare plans.

Key Responsibilities:

- Development & testing of informatica objects (mapping , session , workflow) to implement required business logic
- Schedule the job through Control-M tool.
- Performance Improvement.
- Provide support to the project and take care of issues coming from client and do enhancement if needed.
- Job monitoring to meet SLA.
- Preparing & design the documentation and user guide.

4.)HMROI

HM Data to Hadoop related to Portal and YBR Tool usage and Business events

Company : Aon Hewitt, Gurgaon

Technologies : CDH 4.6 - Hadoop- sqoop,hive, impala, pig Shell scripts

Scope : Project is intended to fetch data coming in files from source ,apply transformations are pt it into hadoop.

Web scope widened on Hadoop after this deployment. Earlier this was limited to HM tool usage data only ,this deployment will provide more flexibility with respect to :

- *Usage of tool with respect to plans.*
- *Information on unique visitors ,time spent on web ,total/unique paged browsed on a visit date.*
- *Reporting on Tips and Alerts been offered during enrollment.*

Business benefits that can be derived from now on **as an outcome of this project.**

- Annual Enrollment Analysis – usage trending and volume
- Tool usage Reporting will enable business to take a decision on which tools to Invest in future and make improvements based on usage

5.)EWA (Executive Workforce Analytics)

Technology

IBM DB2,
Cognos report
studio 10,
Informatica 8.6.

Role:

Test Engineer II

Organization:

Aon Hewitt

Description:

Executive Workforce Analytics is a product developed by Aon Hewitt to answer business questions relating to attracting talent, rewarding talent, retaining talent and developing talent.

It had Analytical reports to answer each of the above mentioned questions, in addition to detail reports (Drill through from Analytical reports). The model is based on a dimensionally modeled relational package.

It had additional set of Custom reports developed which highlight certain business metrics.

Responsibilities:

- Testing Analytics and Operational Reports as per the requirement.
- Testing Customized Report and the ETL Testing for the same reports.
- Wrote Complex queries defining the entire flow from Source to Stage and further to warehouse for the newly created tables.
- Raised Concerns related to database structure in the warehouse and its negative impact on the reports.
- Logged several defects related to ETL logic change and also for data, and look and feel of the reports.

Organization:

Aon Hewitt

Studio
Tool)

Description:

CVS being one of our prestigious clients for AON and there were challenges with their current Data coming from Peoplesoft So as to overcome these challenges CVS decides to load data into database directly from Aon Hewitt file. It includes overall testing of Warehouse tables to verify data is being loaded correctly in terms of counts, data values, data types and structure. The complexity was very high in terms of requirements and data volume.

Responsibilities:

- Currently analyzing Warehousing tables for both Peoplesoft and Aon Hewitt data based on several analyses done on Requirement
- Wrote several complex queries for the set of tables which involved testing the entire flow from Source to Data warehouse.
- Tested the data and came up with the lot of designing and requirement defects. Logged defects with correct observations and examples for developers to understand and also discussed them

7.)Cognos Upgrade Testing

Technology

Cognos Report Studio, I
(AQT Tool)

Role:

Test Engineer II

Organization:

Aon Hewitt

Description:

Cognos being upgraded from 10.1 to 10.2 and then to 10.2.2 .This project involved analyzing all Workforce and Recruiting reports for various clients e.g. **Amex,Prudential ,CVS,CIBC** implemented in latest version of cognos in poc environment and check compatibility with older version of cognos .This involves testing overall structure and Data of Reports and also come up with new features added in latest version of cognos .

Responsibilities:

- Testing All Workforce and Recruiting reports based on analysis done on previous versions of cognos
- Testing the Design and came up with the lot of defects.
- Logged defects in HPQC with correct observations and examples for developers to understand and also discussed
- Came up with several ideas including performance tuning for the issues faced due to large data volume.
- Testing Cognos Advance Worspace (BIA) and Cognos Workspace (BI) for adhoc packages implemented in latest

8.)CIBC ETL Testing

Technology

Cognos Report Studio, I

Responsibilities:

- ETL testing.
- Wrote several complex queries for all the tables which defined the actual data flow from Source to Stage and then to Target.
- Interacted with the ETL Developers and make them aware of the impacts related to performance.

Littlehoods - www.littlehoods.com

Role:

Senior Test Engineer

Organization:

Influxive Technologies

Client: Web application for shopping

Platform: Windows

Technologies: .NET and SQL Server

Database: SQL Server

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Description:

It is a shopping website where you can find anything you can think of. The products and categories are easy to find and well organized. The company has the concept of providing the credit to the customers based on their background. Points are awarded and redeemed. My role is to test the application with every release and upgrade. We have test environment where we do system test on daily basis.

Responsibilities:

- Involved in Requirement gathering, Scheduling, Tracking, Reporting and Timely Delivery of deliverables.
- Involved in Unit and Integration Testing, Offshore-Onsite coordination and Deployment.
- Administered SQL Server production servers with tasks including backups, restores and replications
- Involved in Production support & maintenance activities for all the applications and involved in requirements

LISSIA [Dec-2007 to Feb-2011]

Role:

Senior Programmer Analyst

Organization:

Kale consultants Limited

Client: Aviva Life Insurance, Gurgaon

Platform: Windows

Technologies: All fusion Gen, Oracle 10g, Digite (Bug Reporting tool)

Database: Oracle10g

Description:

- Lissia is a Client-Server based application developed using AllFusion:Gen 7.0 and prior versions.
- The development is done on Windows platform and uses Oracle10g as Database. The Application Server is on UNIX platform and the clients are deployed on Windows.
- Lissia is an end to end application capable of handling the complete life-cycle of an Insurance Policy, Clients and Agents etc. It provides all Business operations required to an Insurance company.
- Lissia provides all the Servicing options starting from inception of policy, premium payment, unit calculation, Policy Maturity and henceforth. Funds, Fund-Prices, Charges Deduction, Unit Calculation are few of many critical processes of the company which are processed speed and accuracy.
- Batch Processes and Importing Data from files are few of the features of Lissia. Data is easily processed or imported from files in bulk. It reduces the human efforts and errors. Also it helps the company to deal with increasing number of business.
- Lissia also provides Interfaces with the other Applications like Dotsphere and Talisma which helps in the improvisation of functionality and Data Integrity.
- Project of Lissia Support, Maintenance and Development is for Aviva Life Insurance India Ltd.
- The Project includes giving Live Support to Application by providing Solution and Root Cause Analysis. It may also include providing the functional knowledge of Application to users.
- Developing new functionality or Change in Existing Functionality is done with the Enhancements (Versions), Patches, Change Requests etc. Development is a major part of Lissia Projects to meet the changing business needs.
- Maintenance retains the Integrity of the Application. The Development done should not inversely impact any currently working functionality. Application versions and source code backups are taken to restore data at various stages. Various environments for developments are created to keep production and development environment.

Responsibilities:

- Participation in discussion of new Business Requirements with users and functional team, where requirement understanding and information gathering is done.
- Feasibility Study and in-depth analysis of Business Requirements.
- Analyzing the application.

Mercury [Dec-2008 till May-2009]

Role:

Programmer Analyst

Organization:

Kale consultants Limited

Client: Mumbai International Airport Ltd. (MIAL)

Platform: Windows

Technologies:- All fusion Gen, Oracle 10g.

Database: Oracle10g

Client Description:

In January 2006, the consortium led by GVK Group and comprising Airports Company South Africa and Bidvest was awarded the mandate to modernize India's busiest airport, the Chhatrapati Shivaji International Airport (CSIA) at Mumbai. Mumbai International Airport Pvt. Ltd. (MIAL), a joint venture company owned by the GVK led consortium (74%) and Airports Authority of India (26%) was formed in March 2006 to manage and develop CSIA.

Application and Project Overview:

In the airline industry the ground-handler is responsible for processing cargo from the importer / exporter (or their agents) to the aircraft. Due to manual limitations and lapses in judgment in such a competitive, Customer-oriented environment, errors can occur at any of the stages of the cargo movement. To meet the growing demand for a comprehensive Ground Handling System, MERCURY is developed

Responsibility:-

- Analyzing the application and preparing designs for reporting.

PERSONAL & CONTACT INFORMATION:

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