**MOHAK BHATIA**

**Database/Bigdata Developer**

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SAP India Pvt. Ltd.

**PROFILE SUMMARY**

* SAP HANA/Bigdata/Database developer with 6+ years of total experience in implementation/development experience on HANA modelling & Big data technologies. He has been part of several customer and projects from initial requirement gathering, analysis phase to support phase.
* Worked as a modeler on HANA 1.0 and HANA 2.0. He has experience on complex reports with HANA calculation views, stored procedures and table functions. He has worked on optimization of HANA views.
* Worked on SAP Bigdata products SAP DATA HUB , Predictive Analytics and SAP Analytics Cloud(SAC).
* Extensive(2+) years of experience in delivering solutions for Big Data through Hadoop & its components (HDFS, Map Reduce, Yarn, Hive, Pig, Sqoop, HBase,Flume and Oozie).
* Well Versed in analysing data using Hive QL, PIG Latin Scripting and Map Reduce programs.
* Adequate knowledge in Apache Spark, Scala and Spark SQL.
* Experience in implemetation of job workflow scheduling using tool like Control M, Oozie.
* Proficient in writing SQL queries, Sub programs like Procedures, Functions, Packages and Triggers in PL/SQL blocks.
* Good process knowledge in Banking domain/Capital markets.
* Well experienced in writing complex query logics, sub query and joint query.
* Extensive experience in understanding business requirement and analysis, design and development.

**TECHNICAL SKILLS**

* **Data Ingestion: Sqoop,Flume**
* Data Processing: Pig Latin, Hive QL,Impala,Map Reduce,PySpark,Scala,Spark SQL
* Workflow Scheduler & Automation: Control M,Autosys.
* Version Control: SVN, Clearcase,Github
* Data Visualization tool: Tableau,R, SAC
* **Languages:** SQL,PLSQL, HANA SQL
* **Database:**Oracle,MySQL, HANA
* **Operating System:**Windows,UNIX,Linux
* **Scripting:** Batch ,Shell Scripting,VBA

**CERTIFICATION**

* Banking Generalist certification (Accenture)
* Credit Card for Bankers - (IIBF)

**NOTABLE ACHIEVEMENTS:**

* Got “Service Improvement Award” from client for Automations.
* Got "Star of the month" award in 2013,2015 and 2016.

**PROJECT INFORMATION**

**SAP INDIA (SDC) (JAN 2018 – PRESENT)**

1. Project Title: Netezza to HANA 2.0 Migration

Client Name : Leading UK Telecom Company

Role : HANA Modeler

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| Description : Migration of IBM Netezza reports to HANA models |

Duration : 6 months

Responsibilities :

* Create calculation views in SAP HANA
* Create Replication task, synonyms for data access
* Reconcillation of existing Netezza view with new HANA views and documentation

1. Project Title: Sales(Account Planning)

Client Name : SAP IT

Role : HANA Modeller

Duration : 1 year

Responsibilities :

* Requirement and business understanding
* HANA views creation as per the requirement
* Stored procedure/table functions development
* Parent child Hierarchy implementation.
* Upgrading existing HANA views for new functionality
* Existing HANA views optimization
* Support during testing
* Technical documentation

1. Project Title: INTERNAL(POC)

Client Name : INTERNAL(e commerce)

Role : Predicitive Analyst

Duration : 2 months

Description : A leading ecommerce giant company wants to analyze clickstream data having a typical session information and buy information in an e-commerce website. The goal is to predict whether the user is going to buy something or not, and if he is buying, what would be the items he is likely to buy.

Responsibilities:

* Requirement and business understanding
* Exploring and cleaning data using SQL in SAP HANA.
* Enrich dataset using HANA Caclulation views.
* Creating and training predictive models using SAP Predictive analysis.
* Apply models to testing data.
* Hadoop integration with SAP HANA.

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**ACCENTURE SOLUTIONS PVT LTD (JULY 2012- JAN 2018)**

1. Project Title: **Prime Services (May 2015 to Present)**

Client Name : UK based Investment Bank

Role : Hadoop Developer

Description : Bank offers its financial services in commercial banking, private banking, investment banking, asset management, security services and treasury.The corporate and investment banking giant offers a wide range of financial products and services to meet the banking needs of its customers - individuals, other financial institutions, governments and companies.

Hadoop is used to analyze credit risk and compliance with regulatory requirements.

Duration : 2 years and 3 months

Responsibilities :

* **Importing And Exporting Data from MySQL/Oracle to HiveQL using SQOOP.**
* **Created and worked Sqoop jobs with incremental load to populate Hive External tables.**

1. **Implemented Flume for collecting, aggregating and moving large amount of server logs and streaming data to HDFS.**
2. **Used Hive and Pig to analyse data from HDFS.**
3. **Configured various property files like core-site.xml, hdfs-site.xml, mapred-site.xml**
4. **Involved in creating Hive tables, loading with data and writing Hive queries which will invoke and run MapReduce jobs in the backend.**
5. **Used Java to develop User Defined Functions (UDF) for Pig and Hive Scripts.**
6. **Writing the script files for processing data and loading to HDFS.**
7. **Scheduling and monitoring various scripts using Control M.**

**Environment: Hadoop, HDFS, MapReduce, Yarn, Hive, Pig, Sqoop, Oozie, Flume, Ubuntu**

1. Project Title : **Global Markets (July 2012 to Apr 2015)**

Client Name : Irish Investment bank

Role : PL-SQL Developer

Description: : Development of Global market applications.

Duration : 2 years and 9 months

Responsibilities :

* Writing Pl/Sql stored procedures, functions and Triggers to meet new features to be incorporated in the system to implements business rules.
* UNIX shell scripting/batch coding.
* Calling PLSQL objects through shell script.
* Integration with application, Client interaction.
* Development/support of Trade Reporting solution in PL-SQL/VBA.
* Gather business requirement from BA and prepared design documents.
* Prepared Release notes for deployment to ST,SIT and UAT.
* Dev Support for Banking Applications.

**Environment: Oracle 11g ,Unix,VBA,SQL**

**ACADAMIC DETAILS**

* BTech (Bachelor in Electronics & Communication) from Maharaja Agrasen Institute of Technology, GGSIPU, in the year 2012 with 72.89%.
* Passed 12th(2008) with 76.0% and 10th(2006) with 84.6% from CBSE board.

I do hereby confirm that the information furnished above is true to the best of my knowledge and belief.

Mohak Bhatia