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### Challa.Santhosh

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Telangana, India.  **E-mail:**santhosh.challa111@gmail.com.

### Career Objective:

* To obtain a challenging position in business consulting, application development, and product engineering services, where understanding and experience of business process modeling and organizational change management to suit customer needs can be used to achieve set targets.

### Professional Experience :

* Working in HSBC as Software Engineer for Comms Hub Project.
* Worked in Accenture as Application Developer for Data Stage for Insurance Domain for Cloud Finance Transformation Project. Also worked as Big Data Developer for Insurance Domain.
* Worked in IBM as Application Developer for Data Stage Tool which is an ETL tool for Telecom Domain. Had hands on experience in Informatica.

**WORK EXPERIENCE**

**HSBC Jul 2019 – Till Date**

**Software Engineer.**

Working in HSBC as a R developer (for ETL ) for Comms Hub Project.

**Responsibilities:**

* Understand the Data Model and create Data mappings to populate data.
* Design Mappings as per the Business Mappings.
* Develop R code as an ETL to populate Data into Target tables.

**Accenture | India**  Oct 2018 – Jul 2019

**Role: Software Engineer (Big Data Developer)**

**Major Responsibilities:**

* Created ETL Data Pipeline. We used **Apache Flume** data ingestion mechanism for collecting, aggregating and transporting large amounts of **streaming** data such as log files, events etc. from various sources to centralized data store.
* Importing data into Hive from existing SQL Server using Sqoop.
* Developed spark jobs in Scala for data cleaning and pre-processing. Performed Data preprocessing using Scala
* Used **Apache HBase** as a data storage for faster data retrieval and random access.
* Developed spark jobs in Scala for data cleaning and pre-processing. Performed Data preprocessing using Scala.
* Created an **AWS** S3 bucket to store input, logs and output data. Then data is sent into S3.

**Accenture Aug 2017 – Oct 2018**

**DataStage Developer.**

Working in Accenture for an UK based Insurance domain as DataStage Developer.

**Responsibilities:**

* Used DataStage Designer to **create mappings** using different **transformations**.
* Extracted the **data from SQL Server**, **Oracle, Files**, and Access into Data warehouse.
* Developed **mappings in DataStage** to load the data from **various sources into the Data Warehouse**, using **different transformations** like**Lookup**, **aggregate,Quality Stage,CDC Stage**and Joiner.
* Created update strategy and **stored procedure** transformations to **populate targets** based on **business requirements**.
* Implemented **Slowly Changing dimension** (SCD) **methodology for accessing** the full history of **accounts** and **transaction information**.
* Optimized the **performance of the mappings** by various tests on sources, **targets and transformations**.
* Developed, **tested stored procedures**, functions and packages in **PL/SQL** for **Data ETL.**
* Scheduling the **sessions to extract**, **transform** and load data in to warehouse database on **Business requirements**.
* Developed Container, File Validation scripts to check if received file has been received as per the correct format.

**Environment:** DataStage 11.5, Oracle 12c, RHEL server, Unix ShellScript, JIRA, Jenkins, SVN.

**IBM July 2015 – Aug 2017**

**DataStage Developer.**

Mobily is one of the Telecom Company in the Saudi Arabia providing services in the Telecom Industry. The objective EDH (Enterprise Data HUB) is to provide consistent and valid data for RAFMS, BILLING and TERADATA systems.

**Responsibilities:**

* Responsible for gathering suit of **business requirements**, Prepare Source to **Target Mapping** specifications and Transformation rules.
* Created **Source** to **Target Mapping** Specification Document
* Involved in **system study**, analyze the requirements by meeting the **client** and **designing** the system
* **Developed** mappings/Reusable Objects/Transformation/mapplets by using **designer**, transformation developer and **mapplet designer** in **DataStage 11.5**
* **Extracted data** from different **sources like Teradata**, Oracle, Flat files and **loaded into** RAFMS, BILLING and TERADATA systems.
* Designed and developed complex aggregate, **join, look** up **transformation** rules (business rules) to generate consolidated (fact/summary) **data identified** by dimensions using **DataStage ETL tool**
* **Created connected** and unconnected Lookup transformations to look up the data from the **source and target tables**
* Involved **in Performance tuning** for sources, targets, mappings, sessions and server
* Used **PL/SQL and UNIX Shell Scripts** for scheduling the sessions in **DataStage.**
* Wrote **SQL, PL/SQL, stored procedures** for implementing business rules and transformations.

Environment:DataStage 8.1/8.5/11.5,Oracle12c, SQL, PL/SQL, Erwin, SQL\*Loader, UNIX Shell Script, RHEL server,Solaris,.

### Educational Profile:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Qualification** | **School/College**  **Place** | **Board/University** | **Year of**  **Passing** | **Percentage of Marks** |
| B.Tech - CSE | Mahatma Gandhi Institute of Technology(MGIT) | J.N.T. University Hyderabad | 2011-2015 | 69% |
| Intermediate- XII | Vikas Junior College | Board of  Intermediate (M.P.C) | 2009-20011 | 90.00% |
| Secondary School Certificate - X | Kakatiya Concept School | Board of secondary  Education | 2008-2009 | 86.00% |

### Technical skills:

**Big Data Technologies :** Hadoop 2.0, Map Reduce 2.0, Oozie, HIVE, SQOOP, FLUME, HBase, Zookeeper,

Kafka,Impala, Spark.

**Cloud Platforms :** AWS, Google cloud platform.

**Programming Languages :** JAVA, SQL, R, SCALA, Python, HQL, Bash and Shell Scripting,Perl.

**Tools :** SBT,MAVEN,R Studio, Tableau, MS excel, TALEND, SSMS ,Git, Putty,

SQLWorkbench, Docker.

**Databases :** MySQL , PostgreSQL, Oracle, HBase, RedShift.

**Application Knowledge :** Data Stage,Informatica.

### Achievements & Workshops:

* Worked as School Representative for 2 years.
* Won prizes in essay writing and elocution, sports & games.
* Attended ethical hacking workshop.

### Personal Skills:

* Always owed with “can-do spirit”.
* Hard worker while creative.
* Quick learner, resourceful, productive, and with good sense of humour.
* Comprehensive problem solving abilities.

### Personal Profile:

**Name** **:** CHALLA SANTHOSH

**Father’s Name**  **:** CHALLA ASHOK

**Date of Birth** **:** 12/08/1994

**Nationality** **:** Indian.

**Alternate Email ID:** santhosh.challa111@gmail.com

**Languages known** **:** English,Telugu,Hindi.

### Declaration:

I here by declare that the information furnished above is correct to best of my knowledge.

Place: Hyderabad.

Date:

(Ch.Santhosh)