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**BARAHMIHIR KAR**

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**Professional Summary:**

Over4.5+years of experience in IT Industry with Enterprise Applications with Big Data Oracle Cloud using technology Big Data, Hadoop, Spark, UNIX and Cloud.

**Functional Summary:**

**BigData**

* Architecture knowledge on Hadoop and Spark frameworks.
* Expertise in Big Data and Data warehouse ecosystem with experience inHadoop, Hive and Spark.
* Expertise in MPP architecture and knowledge of MPP.
* Expertise in using HIVE, Spark SQL with various data source like JSON, Parquet and Avro.
* Knowledge with Data pipeline/workflow management tools such as Hadoop Kettle, Apache NiFi.
* Expertise in production support related activities ETL issue identification and resolution within SLA.
* Working knowledge with Spark SQL performance tuning.
* Working and issue troubleshooting knowledge on Apache NiFi and kafka events.
* Experience in manipulating/analyzing large dataset and finding patterns and insights with structured and un-structured data.
* Experience in CI/CD alert configuration using Jenkin.
* Written extensive pySpark programming using Data Frames, Data Sets & RDD's for transforming transactional database data and load it into hive.
* Importing and exporting data in HDFS and Hive from RDBMS using Sqoop.
* Expertise in Kafka batch and streaming architecture and implementation.
* Troubleshooting experience in Spark, Hadoop and oracle production application issues.
* Good command over speak driver-executer and memory management.

**SQL**

* Good understanding of Oracle Database Architecture.
* Strong experience in writing SQL and PLSQLscript.
* Experience with SQL Performance tuning with large OLTP database.
* Good knowledge of key Oracle performance related features such as Query optimizer, Execution plan and Indexes.
* Experience with performance tunings for Oracle RDBMS using Explain Plan and HINTS, TKPROF, EXPLAIN PLAN, Materialize view and AWR.
* Involved and follow standard code guidelines, analysis and testing documentations.

**Technical Skills:**

Operating Systems : Windowsfamily, UNIX.

Languages : Shell Script,Python, Scala, SQL and PL/SQL,.

Databases : Oracle 12c, Teradata, NoSQL, HIVE

Software Tools : Jira, SQL Developer,HUE,Jenkins, Git, PyCharm, IntelliJ, Maven, Apache NiFi and Kafka.

Cloud Technology : Oracle SaaS and Azure.

**Current Employer:**

## Currently associate with GAP Inc. as System Analyst

## Former employee ofSears Holdings.

Former employee of **RAMTeCH Software Solutions.**

**Educational Qualification:**

* **B.TECH**from BIJU PATTANAIK UNIVERSITY & TECHNOLOGY (BPUT) University, Odisha scoring 7.2 CGPA.
* **OCA ::** https://www.youracclaim.com/badges/e0a610ce-85d1-4882-bb9f-c949fc0d37cc/public\_url

**My Traits:**

* Good programming skills, zeal to learn and adapt to any new software Technology.
* Able to quickly grasp new concepts and technologies and possessing problem solving skills.
* Ability to be an effective team player and work under time constraints.
* Problem solving mindset working in agile enlivenment.

**Work Experience:**

**Project:-**

**Title: Big Data Merchandise Application.**

Brands**: GAP, OLD NAVY, BANANA REPUBLIC, HILLCITY**

Type : Development and Parallel Testing.

Duration :Nov-2019to Present.

Database :Oracle Database 12c, UNIX.

Tools : CA Workload,Hadoop,Spark, Kafka, Service Now and JIRA.

Platform Server:UNIX, ORACLE 12c,Oracle Cloud and Azure.

GAPTECH India is an IT Company that provides corporate IT services and solutions toThe Gap Inc. commonly known as Gap Inc. or GAP, is an American worldwide clothing and accessories retailer

**Module:**

* Create and support tickets for Hortonworks and Oracle team.
* Used Impala for querying HDFS data to achieve better performance.
* Migrated HIVE HQL to Spark RDD and Spark SQL.
* Used the JSON and XML SerDe’s for serialization and de-serialization to load JSON and XML data into HIVE tables.
* Used Spark-SQL to load JSON data and create schema RDD and loaded it into hive tables and handled structured data using Spark SQL
* Kafka hive consumer group testing and tuning.
* Used Control-M and CAWA workflow to coordinatepySpark and Hive production jobs.
* Hive Integration test for streaming load.
* Working with ODS andCDC (Change Data Capture)interfaces.
* Develop Reconcile report for various interfaces Ex. Sales, Pricing, Allocation, DC Sync.
* Developing and schedulingjobs using Oracle SaaS.

**Project:-**

**Title**: **BigDataRevenue Application**

Brands **:OLD NAVY, BANANA REPUBLIC, Athleta.**

Type :Application Prod Go-Live.

Duration :Sept-2018 to Present.

Storage : Oracle Database 12c, HDFS, PySpark, Oracle Cloud.

Tools : UNIX, KAFKA, Rabbit MQ, Apache Nifi, Oracle AQ, Control-M, AWR, NMON.

**Old Navy** is an American clothing and accessories retailing company owned by American [multinational](https://en.wikipedia.org/wiki/Multinational_corporation) corporation [**Gap Inc** with 2500 stores in North US.](https://en.wikipedia.org/wiki/Gap_Inc.)

**Module:**

* Migrated legacy Order application to Apache NiFi and Kafka based integration.
* Able to meet the peak volume (ex: Legacy event supports 4000 order/min i.e. 28,000 events/min (4000\*7: considering 7 events averages per order) achieved this to 6k event per minute.
* Working closely with the stakeholders & solution architect.
* Changes in order service API to consume those events from KAFKA.
* Legacy multithreading implementation and scope of improvement to assign parallel load using hash code.
* Involved in production implementation apache NiFi and Kafka based integration.
* Developed kafka consumer API and implemented Oracle DB->ApackeNiFi ->Kafka Integration for online order event.
* Data validation testing with multiple HDFS and HIVE layer.
* Tested high volume message with various queue like IBM MQ, Oracle Queue and Kafka.

**Project:-**

**Title**: **Sears Inventory supply chain Application**

Client **:SEARS,KMART& SHOP YOUR WAY.**

Type :Development and PROD Support.

Duration :June-2017 to Sept-2018.

Database :Oracle Database 11g, UNIX, HADOOP.

Tools :HIVE, PIG, SQOOP, SQL, Penthao and HUE.

Platform Server :AIX, Linux, UNIX, Sun solar, Hadoop- Hive, Pig, Scoop and Kettle.

Role :The scope of the project is Deliver high quality support and Incident free system.

Team Size :8

Sears Holdings India is an IT Company that provides corporate IT services and solutions to Sears Holdings Corporation (SHC, NASDAQ:SHLD) and its family of companies including Sears, Roebuck and Co., and Kmart Corporation.

**Module:**

* Production Support and implementation for inventory accelerate applications.
* Developed and scheduled HIVE, SQOOP and PIG script using Control-M jobs.
* Hadoop kettle batch design and implementation using penthao.
* Optimization of existing queries on production database as per business requirements.
* Developed PLSQL procedure and functions for ETL process between Oracle DB and Hadoop.
* Migrated teradatarecords into Hive and HDFS.
* Tuned existing HIVE queries using partition and bucking concept.
* Experience in PIG script development.
* Generate Different type of report as per management requirement.
* Daily standupwith product teamregarding abends and issues during Support.
* Daily Scrum Meeting for New Jira’s Development in Agile method.

**Project:-**

Title :**GIS Application.**

Client :**RAMTeCH Software Solutions**

Type :Reporting, Enhancement and Support.

Duration : March-2015 to April-2016

Database : Oracle Database 11g.

Tools : Toad for Oracle, SSRS, CYTRIX, SQL Developer.

RAMTeCH is a global leader that specializes in geospatial and engineering technologies for utility, telecommunication, and government organizations. We are known for delivering high quality, innovative, and practical solutions.

**Module:**

* GIS Database Applicationsdevelopment.
* Involved with production support and report building.
* Developed database scripts using SQL and python.
* WPF application testing for GIS tools.
* Developed OBIEE reports.

I declare that all information given in this is to the best of my knowledge and belief, true and correct.

**Barah Mihir Kar**