**Rajeev Budumuru**

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* **Job Objective**: To utilize my technical skills for achieving the target and developing the best performance in an organization. I would like to implement my innovative ideas, skills and creativity for accomplishing the projects.

**Profile Summary:**

* Technically having 4.9 years of IT experience including 2.5 years of experience as a Hadoop/Spark developer using Big Data technologies like Hadoop Ecosystem, Spark and Hive.
* Good Knowledge on Spark APIs RDD, DataFrames and Datasets.
* Good expertise in SPARK SQL, ORACLE SQL.
* Expertise in using SPARK-SQL and processing the data using data sources like csv, dat, txt
* Excellent knowledge of Hadoop Architecture.
* Having Good Knowledge on working with AVRO, ORC and PARQUET tables in HIVE.
* Have experience on scheduling jobs using Oozie.
* Have fair knowledge on AWS S3 and Athena.
* Have **2+ years of experience in Informatica PowerCenter** Dev/Support.
* Perform ETL Tuning on the Informatica code and bring down the run time of the jobs.
* Well experienced in working on Oracle 11g (SQL).
* Extensive knowledge on **Data Warehousing concepts**.
* Fair Knowledge on **Scala**.
* Have in-depth knowledge on **Aviation** **Finance** , **Marketing** domain.
* Good communication & interpersonal skills, **self-motivated, quick learner**, team player.

**Technologies:**

* Frame Work : Hadoop Framework
* Hadoop Components : HDFS, Spark, Hive, Spark-SQL, Hive, Oozie
* ETL Tool : Informatica Power Centre 9.5.1, 10.1
* Databases : Oracle 11g
* Languages : Shell Script, Scala
* Operating Systems : Windows, Linux
* Querying Tool : Oracle SQL Developer, Dbeaver
* Industry : Aviation, Finance.

**Educational Qualifications:**

* Bachelor of Engineering in Mechanical Engineering With CGPA of 7.9

**Employment History:**

Presently working as an Application Development Senior Analyst with **Accenture** Bangalore from NOV 2019 to MAY 2021

**Project 4:**

OCT-2020 MAR-2021 , Data Engineer, ACCENTURE (Bangalore ,India)

**PROJECT NAME :** SHOPFLOOR

**CLIENT :** BMW

**ORGANISATION :** ACCENTURE

**ROLE** : Operations Support/Developer

**TECHNOLOGY/SOFTWARE :** Spark ,Hive, HDFS, Oozie

**Project Description**

BMW Shopfloor makes it possible to analyse the quality of fasteners in BMW factories across the world. This allows faulty screwdriving processes to be identified, thereby reducing the costs of reworking. Sensors detects the angle and torque values of each measurements and experts labels the result as ‘OK’ or ‘Not OK’. Then the ‘Not OK’ fastening process curves organised into different defect classes.

**Responsibilities and Details:**

* We get the data from different plants across world and load them into spark DataFrames.
* After loading the data into DataFrames we apply Spark SQL to transforms the data like eliminating duplicates, select only particular columns based on some join conditions to get the desired output.
* Using Spark SQL conditions, we segregate the parts to ok or not ok state. And Finally, we save the resultant datasets to Hive
* Worked on data analytics part as well to backtrack the issues.

**Project 3:**

NOV-2019 SEP-2020 , Data Engineer, ACCENTURE (Bangalore ,India)

**PROJECT NAME :** HPE NGIT

**CLIENT :** HPE

**ORGANISATION :** ACCENTURE

**ROLE** : Developer

**TECHNOLOGY/SOFTWARE :** Hive,Oozie,Hadoop

**Project Description**

HPE NGIT is a shipment lifecycle project which involves procurement, order, supply modules of the HPE products. This will help the users track the orders, life cycle and status of those orders, which includes both tangibles and intangible products. So the business will understand which orders they need to prioritize.

**Responsibilities and Details:**

* Worked on E2E application development, which include requirement analysis, data mapping, code development, testing the developed code, scheduling and performance monitoring of the jobs using oozie workflows, supporting the backend development.
* Developed Hive scripts for the business requirement and Implemented Partitions, Buckets in Hive for optimization
* Wrote code for scheduling Oozie jobs which runs Hive scripts on a daily basis.
* Responsible for effective communication between source data team and resolving the production problems.
* Responsible for on-call support and resolving production problems on the fly

**Project 2:**

OCT-2018 OCT-2019 , Software Engineer, CAPGEMINI (Bangalore ,India)

**PROJECT NAME :** SHCDW

**CLIENT :** GE Aviation

**ORGANISATION :** CAPGEMINI

**ROLE** : Hadoop/Spark Developer

**TECHNOLOGY/SOFTWARE :** Spark Dataframes, Hive, HDFS

**Project Description**

Aviation SHCDW is a Cost management System maintaining the of Cost and Quantity for various sub systems like Material, Conversion ,Output, Spares, Plant Metrics, Cost productivity, Memo, Physical Inventory and Engines area. Get the Cost, Price, Supplier, Spares, Scrap, Assembly & Inventory details from 11 Shops located in US. Costing of a part starts from the BOM (Bill of Material),Which describes the Physical structure of the part and identifies the material and material overhead of the product for costing. The BOM can be extracted from Manufacturing, Component part & Assembly Part systems. The Parts are further classified as Make/Buy to identify whether to manufacture the part internally or to get the part from the external vendors. The Raw materials required for the MAKE parts are gathered from the Suppliers and the conversion process starts at the Shops. The Conversion Costs, Assembly Costs, Scrap costs accumulate to the final cost incurred on the product. An yearly inventory of the parts at all the shops is maintained to help in the Forecast/demand planning.

**Responsibilities and Details:**

* Load the data into HDFS from local UNIX server using the Hadoop file system commands (Scripts) by collecting source files from various upstream teams.
* Load data from HDFS and store results to HIVE using Spark Dataframes.
* Join disparate datasets together using Spark and Calculate aggregate statistics.
* Responsible for giving explanation/solutions to the downstream/clients when data issues comes in PROD environment especially when expected data is misses in reports.
* Identify the Issues in data integrations and provide detailed analysis to the source team and clients.

**Project 1:**

JULY-2016 SEP-2018 , Software Engineer, CAPGEMINI (Bangalore ,India)

**PROJECT NAME :** DCDW

**CLIENT :** GE Aviation

**ORGANISATION :** CAPGEMINI

**ROLE** : Developer

**TECHNOLOGY/SOFTWARE :** Informatica, Oracle, Unix, Cognos

**Project Description**

GE Aviation handles multiple projects and outsources most of its work to different organizations globally. All the organizations book the time on these projects. DCDW team works on creating a data warehouse with these bookings and maintain the current year and previous years booking. Team also develops workflows that allow the DCDW data to flow through different systems. Spotfire Reports are made on top of that DCDW data according to Client Requirements.

**Responsibilities and Details:**

* Requirement gathering and understand the functional business processes and requirement given by the business owner from onsite.
* Estimate the required time and resources for developmental efforts.
* Develop and implement the coding of Informatica Mapping for the different stages of ETL.
* Decode the high level design documents and create the corresponding workflows.
* Giving DEMO for the developed code to Client and QA Team.
* Created visually compelling interactive reports and dashboards.
* Possess SQL and programming knowledge to deal with data transformations and translations.
* Coordination with our client for impact analysis, testing and implementation on enhancements activities of this module
* Perform ETL Tuning on the Informatica code and bring down the run time of the jobs.
* Tested Cognos Reports to ensure data was matching as per the business requirements and if there were any changes in underlying data.

**Achievements:**

* Received Project Star award for the H2 2018.
* Received Multiple Raising star awards for the year 2017.