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Jagan Mohan Paniharam

Software Engineer

**OBJECTIVE**

To Obtain a significant and challenging position as a software engineer in an IT organization wherein I will enhance my domain and technical skills and contribute to company’s growth along with my personal growth.

**TECHNICAL SKILLS**

* Databases: Oracle (SQL and PLSQL), SQL Server
* Scripting Languages: Unix Shell scripting, VBA for applications
* Scheduling tool: Control-M
* Version Control: Github, Bitbucket
* Reporting tool: Mobilemetrics
* Programming languages: C, Java and Python
* Operating systems: Windows, Linux

**EDUCATION**

* Graduated from Mahatma Gandhi Institute of Technology in Computer Science and Engineering, Gandipet with 68 %
* Completed Intermediate from NRI Academy with 96.6 %
* Completed SSC from Krishnaveni Talent School with 9.5 CGPA.

**EXPERIENCE**

**Accion Labs (June 2019 – Now)**

* **Designation:** Software Engineer
* **Roles and Responsibilities:** ETL Development, Production Support, and testing.

**Inrhythm Solutions (October 2018 – June 2019)**

* **Designation:** Junior Software Engineer
* **Roles and Responsibilities:** ETL Development, Production Support, and testing.

**PROJECTS**

**JUUL LABS (November 2018 – Present)**

**Description:**

This is an ETL project developed on Oracle database using data warehousing concepts. This project involves ETL work done on the data received from DataMart which contains source tables. We extract the data and load into target tables and then build aggregates for the reporting tool namely Mobilemetrics.

**My Role in the project:**

* Developed the procedures to load dimensions built on data for stores and distributors.
* Involved in complete end to end unit and regression testing for the project and shared the documented test cases.
* Involved in complete support to the project till date.
* Developed six sigma validations of the weekly data to send validation reports to the clients.
* Developed the automated procedures which give the detailed information about the various processes in Mobilemetrics (Cachemanager, Report scheduler).
* Developed an automated script for performing six sigma validations including formatting files, analyzing the data and sending the email with results.

**ITG Brands (January 2019 – Present)**

**Description:**

This is an ETL project developed on Oracle database using data warehousing concepts. This project involves ETL work done on the data received from DataMart which contains source tables and files received in various formats. We extract the data, apply transformations, and load into target tables and then build aggregates for the reporting tool namely Mobilemetrics.

**My Role in the Project:**

* Developed the procedures to load dimensions built on data for products and distributors.
* Developed the procedure to load an aggregate built on all store hierarchies vs all product hierarchies which has a record count of 22 million.
* Involved in complete end to end unit and regression testing for the project and shared the documented test cases.
* Loaded the data using SQL loader from files into oracle tables.
* Involved in complete support to the project till date.
* Developed six sigma validations of the weekly data to send validation reports to the clients.
* Developed the automated procedures which give the detailed information about the various processes in Mobilemetrics (Cachemanager, Report scheduler).
* Worked on SQL Loader to load data from flat files to database and modified several UNIX Shell Scripts according to the changing needs of the project and client requirement.

**Japan Tobacco Inc. (June 2019 – Present)**

**Description:**

This is an ETL project developed on Oracle database using data warehousing concepts. This project involves ETL work done on the data received from DataMart which contains source tables and files received in various formats. We extract the data, apply transformations, and load into target tables and then build aggregates for the reporting tool namely Mobilemetrics.

**My Role in the Project:**

* Developed the procedures to load dimensions built on data for products and time.
* Developed the procedure to load an aggregate built on store vs all product hierarchies which has a record count of 10 million.
* Designed splits and developed the procedure to load a fact table which contains 1.2 billion records parallelly to decrease the load time.
* Involved in complete end to end unit and regression testing for the project and shared the documented test cases.
* Involved in complete support to the project till date.
* Developed six sigma validations of the weekly data to send validation reports to the clients.
* Developed the automated procedures which give the detailed information about the various processes in Mobilemetrics (Cachemanager, Report scheduler).
* Developed an automated script for performing six sigma validations including formatting files, analyzing the data and sending the email with results.
* Worked on SQL Loader to load data from flat files to database and modified several UNIX Shell Scripts according to the changing needs of the project and client requirement.

**PROFESSIONAL SUMMARY**

* 2 years 5 months of Industry experience of which the most years are predominantly on Oracle, MS SQL, Unix shell scripting which includes working on development, testing and documentation.
* Developed ETL process to load data into oracle tables by transforming data from different file formats (Delimited files, JSON, XML, CSV) and from source DataMart.
* Expert in Retail Domain.
* Good Knowledge in Oracle Database architecture, SQL and PLSQL, SQL loader.
* Explored the database parameters to tune the performance and data retrieval speed for any complex queries which user reports generate
* Done code deployment to production with smoother process
* Having good written and oral communication skills, acted as a medium of communication between offshore and onsite to collect the development requirements
* Dedicated team player, a self-motivated individual, and a quick learner with excellent interpersonal, analytical, problem solving and communication skills

**ACHIEVEMENTS**

* Resolved existing performance issues in the database which optimized the report retrieval time by over 50 percent by exploring keep cache techniques.
* Received ‘Star Performer of the year’ award for the year 2019-2020 from Accion Labs.
* Collaborated with team of 5 in the development of three different projects namely JUUL Labs, ITG Brands and Japan Tobacco Inc.

**PERSONAL INFORMATION**

* Date of Birth: 14-June-1997
* Languages: English, Telugu, and Hindi
* Hobbies: Watching and playing sports, singing, and dancing

**SELF ASSESSMENT**

I hereby declare that the information given above is true to my extent of knowledge and belief.

Place: Hyderabad **(Jagan Paniharam)**