MANPREET SINGH

New Delhi, India ⚲

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- Self-Confident Database / Python Developer with 4.6 years of professional experience in IT industry with Data Migration, Data Integration, Data visualization, Data analysis and Data Warehousing in Insurance and Investment Domain.
- Skilled at Python, SQL, PL/SQL, Tableau, ETL, UNIX and support of application.

SKILLS

- **Proficient in Python, Pandas, Numpy, Matplotlib, cx_Oracle and other libraries.**
- Expertise in writing advanced/complex **SQL** queries, indexes, partitions, stored procedure, functions, packages, collections, triggers and other **PLSQL** units.
- Experienced with **Performance tuning** and **Query Optimization** in SQL.
- Knowledge of **Unix/Linux** commands and Shell scripting.
- Sound knowledge of **Control-M** job scheduling tool.
- Good knowledge of **Data Warehouse** and its components, **Data Marts**, **Dimension modeling** and **SCD**.
- Familiar with Business Intelligence/visualization tools like **Tableau** and **Microsoft Power BI.**
- Basic understanding of **cloud computing**, **AWS, EC2, S3, IAM and RDS**.
- Experience with Version control Systems Tortoise **SVN** and **GIT**.
- Hands on experience with other software's and tools like **Oracle SQL developer**, **SQL*Plus**, **Jupyter Notebook**, **VS Code**, **Putty**, **WinSCP**, **JIRA**, **Bamboo CI/CD**, **Sonar**, **ServiceNow**, **Urban Deploy** and **Confluence**.
- Good exposure to **SDLC** and **Agile**/**Scrum** process.
- Strong analytical and problem-solving skills.
- Good in oral/written communication and interpersonal skills.
- Good working attitude, Flexible to new situations/Challenges/Technologies and able to work independently.

AWARDS

- **ON THE SPOT AWARD**, Fidelity International, Sep 2019.

WORK EXPERIENCE

ANALYST PROGRAMMER, FIDELITY INTERNATIONAL LTD   **04/2018 – PRESENT**

Common Data Warehouse Fund Accounting (DWH)
- Gathering, Analyzing, Implementing and Unit Testing the Business Requirements by interacting with Business Analyst and other team members.
- **Creation of source to target mappings in ETL tool and writing PL/SQL codes for data ingestion into Facts and Dimensions respectively from ODS.**
- Historical Data Migration from GFDR eagle old system into data warehouse of fund accounting.

- Identifying bottlenecks for long running SQL/ PLSQL codes and rewriting them.
- Implemented Virtual Private Database (VPD) on views/ tables at distributions layer for end users to control data access.
- **Providing best solution/approaches for improvement of data load and automation etc. (e.g. Release log validation and Daily job failure) using Python.**
- Documenting Implementation plan and Managing Releases end-to-end.

GFDR Operational Data Store (ODS)
- Data Integration of Fund accounting data from different data sources via ETL mappings and PLSQL codes.
- Work with internal teams and external partners to identify and resolve data integration and ETL job issues.
- Writing Unit test cases & Recon scripts and automating them for data validation.
- Recon framework using python and Power BI.
- **Resubmit framework, loading reference data via API's into Database and writing file preprocessor scripts using python.**

PROJECT ENGINEER, WIPRO LTD   **11/2015 – 03/2018**

Max Life Insurance
- Creation/Execution/Modification of database objects like Tables, Views, Sequences, Synonyms, Triggers, Functions, Procedures, Cursors, Packages and PL/SQL Anonymous Blocks as per business requirements.
- Scheduling/Executing/Monitoring of Jobs/batches on BMC Control-M.
- Loading data into tables from flat file using SQL*loader.
- Creation/Execution of Mview to refresh data for Report Generations.
- Generating adhoc reports using Crystal reports and Creating/Modifying Procedures for reports as per business requirement.

EDUCATIONAL DETAILS

- B.Tech in electronics and communication from Guru Gobind Singh Indraprastha University with 84%, 2015.
- 12th in Non-Medical from CBSE with 72%, 2010.
- 10th from CBSE with 65%, 2010.

TRAININGS

- 6 Weeks Industrial training in AVR at Sofcon, New Delhi (2014).
- 6 weeks summer training in embedded system (8051) at C-DAC, Mohali (2013).

INTERESTS

Reading, Coding, Listening to music, Dance and Surfing Internet.