Shubham

Data Engineer

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Profile Summary

Data Engineer with 2+ years of experience in ETL and SQL development. Skilled in designing, implementing and maintaining data pipelines for both OLTP and OLAP systems. Proficient in data warehousing concepts and experienced in working with Tableau to visualize data insights. Capable of creating, developing, testing and deploying highly adaptive diverse services to translate business and functional needs to deliveries.

Employment History

**Data Analyst** at **Deloitte USI**, Hyderabad

Feb 2021 – Present

 Work Experience

**State of Rhode Island**

Oct, 2022 – Present

**Role** - ETL developer

**Technology** - ETL, SQL, Shell Script

**Tools** - Pentaho Data Integration

**Database** - Oracle

**Project** aims to utilize data from multiple sources, transform(ETL operations) and create dashboard on top of the transformed data.

Tech Upgrade- Pentaho Upgrade

**Key Responsibilities**:-

* To analyze and update Batch Scripts, Execution Script and ETL files involved according to new file structure of server.

**State of Kentucky**

Jan, 2022 - Sep, 2022

**Role** - ETL developer

**Technology** - ETL, SQL and Reporting

**Tools** - SAP BODS, Microsoft SSRS

**Database** - SQL Server

**Project** aims to utilize data from different tracks and 3rd parties, transform and create report on top of the transformed data.

**Key Responsibilities**:-

* Analyzing the business requirement, defects or CRs.
* Developing SQL stored procedures for generate report data.
* Developing the mappings, workflows in SAP BODS when data is present on multiple servers to load them on a single server and create report on top of that.
* Creating Datafix query to fix Existing data in database.

**Carefirst**

Mar, 2021 - Dec, 2022

**Role** - ETL developer.

**Technology** - ETL

**Tool** - Informatica IICS

**Database** – Snowflake

**Project** aims to enhance their technology, migrate everything from Informatica Powercenter to Informatica Cloud and on Snowflake as data warehouse.

**Key Responsibilities:**

* Analyzing the business requirement.
* Developing the mappings, workflows by following the development processes and guidelines to fulfill the business requirement.

## Programming and Development Skills

## ETL (Informatica Cloud, SAP BODS, Pentaho)

* Data warehousing (OLTP and OLAP)
* SQL (Snowflake, SQL Server, Oracle)
* Azure data Factory, Azure Synapse Analytics
* Shell scripting
* Tableau dashboard development
* Machine learning (Regression, Classification, Clustering Algorithms)
* Deep learning (ANN, Regression, Classification, CNN, RNN, NLP, CV)

## Kaggle Projects

* Car insurance claim prediction - <https://www.kaggle.com/code/bhamsu007/car-ins-prid-rf>
* Fake news classifier - <https://www.kaggle.com/code/bhamsu007/fake-news-classifier>

## Education

**Graduate**, National Institute of Science and Technology, Berhampur, Odisha

Aug, 2016 - Aug, 2020

Branch – Electrical and Electronics Engineering

University - BPUT

CGPA - 8.28

**Intermediate**, Kendriya Vidyalaya, Jamalpur, Bihar

May, 2015 - May, 2016

Board - CBSE, Percentage - 86.2%

**Matriculation**, Saraswati Vidya Mandir, Jamalpur, Bihar

Apr, 2013 - Apr, 2014

Board - CBSE, CGPA - 9.4

## Languages

* English
* Hindi

## Certification

* Azure AI - 900 : Azure AI Fundamentals (Oct, 2021)
* DP-203: Azure Data Engineer (June, 2023)

## Hobbies

* Playing Chess
* Sketching