

# Siddharth Thorat (Data Engineer)

## Data warehouse Engineer (ETL Developer)

Email-Id: [siddharth2694@gmail.com](mailto:siddharth2694@gmail.com)  
Contact number: +91 9409671278  
LinkedIn: [siddharth-thorat-595836233](https://www.linkedin.com/in/siddharth-thorat-595836233)

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### Work Experience Summary

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- **4+ years of experience** in developing and managing ETL processes, specializing in data manipulation, efficient data pipeline design, and automation using Python and Shell scripting for enterprise data warehouse solutions.
- Proficient in **data warehousing techniques**, including schema design (**Star and Snowflake**), **Slowly Changing Dimensions (SCD)**, and working with fact, dimension, and staging tables.
- Delivered **real-time** and **near-real-time data pipelines** using AWS services like **Kinesis, DynamoDB, Firehose, Lambda, and Athena**, ensuring seamless data flow and low-latency analytics.
- Hands-on experience with **cloud storage solutions** such as AWS S3 and Azure Blob Storage, along with expertise in **dimensional modelling** for scalable data architectures.
- Experienced in domains like **E-commerce** and **Global Security Markets** (Stock Exchanges), delivering robust data solutions to improve operational efficiency and drive business insights.
- Adept at **business operations and client support**, leveraging technical expertise to resolve complex issues and provide data-driven decision support

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### Technical Skillset

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- ETL Tool: Matillion
- Fivetran
- AWS Cloud: RedShift, Lambda, Kinesis, DynamoDB, SNS, S3, EC2, Step Function, AWS Glue, RDS, Event Bridge
- PySpark, Hadoop Concepts
- SQL
- Concepts of Data warehouse – ETL
- Scripting: Python & Linux (Bash)
- Databases: Oracle, Redshift, Postgres
- Knowledge of Windows, Linux
- Python Pandas
- API data extraction

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### Professional Experience

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#### 1. Company Name: India International Bullion Exchange (Gift City)

**Designation:** Deputy Manager: Data and Trade operations Engineer| Nov 2024 to till date

##### ❖ Roles and Responsibilities

- Maintain in-house data warehouse: Dimensional modelling (Fact and Dimension tables)
- Python scripting for data extraction and automate monotonous task
- Perform daily business operation process
- Client query handling

## 2. Company Name: Desoto Technologies (Ahmedabad)

**Designation:** ETL Developer – DWH Engineer | Apr 2022 to Nov 2024

### ❖ Roles and Responsibilities

- ETL Development – create ETL pipeline using Matillion tool and Python
- Python pandas for data manipulation
- Shell and Python script to extract data from sources and load it to destination database (Redshift)
- Automation using python
- Coordinate with BI team and provide data as per their requirement
- Data quality assurance
- Migration documentation
- Maintain all data on AWS S3

## 3. Company Name: India INX International Exchange (Gift City)

**Designation:** Assistant Manager | Jan 2017 to Dec 2021

### ❖ Roles and Responsibilities

- Maintain in-house data warehouse: Dimensional modelling (Fact and Dimension tables)
- Python scripting for data extraction and automate monotonous task
- Shell scripting
- Using Tableau to create dashboard daily, monthly, yearly data analysis of stocks, turnover, client details
- Perform daily business operation process
- Client query handling

### Personal Details

- ✓ DOB: 2<sup>nd</sup> Jun 1994
- ✓ Marital Status: Unmarried
- ✓ Languages: English, Hindi and Gujarati

### Education

- ✓ HGCE –  
B.E – Electronics & Communications - 2015  
CGPA - 7.84
- ✓ Government polytechnic –  
Diploma (E.C) - 2012  
CGPA – 8.28
- ✓ K.V.S.H(Ahmedabad)  
10th - 2009  
Percentage - 84.16%

### Certifications

- ✓ Python Programming (Udemy -2021)
- ✓ AWS Data Engineer (2022)

### Strength

- ✓ Believe in personal Strength
- ✓ Quick adaptability and Continuous learning
- ✓ Critical Thinking

### Achievements and Training

- ✓ Received Madhuram - Divyagyan Shruti Award for Excellence (2009)
- ✓ Received Shri Dewang Mehta IT awards (2014)
- ✓ Telecom and networking training at BSNL