

Harshit Dhawan

ETL Developer | Pune, Maharashtra, India (Currently WFH)

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Portfolio: <https://harshitdhawan.github.io/My-website/>

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Profile

Dedicated ETL Developer with over 3 years of experience in designing, developing, and implementing data solutions using Ab Initio, Snowflake, and Oracle. Adept at optimizing ETL processes, ensuring data accuracy, and delivering scalable solutions for business-critical operations.

Work Experience

ETL Developer

Bitwise Solutions Private Limited, Pune, Maharashtra

April 2022 – Present

- Automated ETL workflows using Ab Initio, resulting in a 30% improvement in processing efficiency.
- Developed and optimized Ab Initio graphs to process high-volume datasets for business-critical operations.
- Led database migration from MariaDB to Postgres, reducing query execution time by 25%.

Academic Profile

- B. Tech – Shri Ram Institute of Science and Technology, Jabalpur, Madhya Pradesh – 8.38 CGPA – 2022
- XII – Digamber Jain Higher Sec. School, MP BOARD – 79.6% – 2018
- X – Digamber Jain Higher Sec. School, MP BOARD – 81% – 2016

Technical Skills

- Operating Systems: Windows, Windows VM Server, UNIX
- Databases: Oracle, Snowflake, Teradata
- ETL Tools: Ab Initio
- Languages: C, Java, HTML, CSS, SQL
- Cloud : Azure Data Factory, AWS S3 Bucket management
- Other : MS Office, GitHub

Certifications

- [Java \(Basic\) – HackerRank](#)
- [Data Visualization & Dashboard Essentials – IBM](#)
- [SQL \(Basic\) – University of Michigan](#)
- [Microsoft Azure – Microsoft Partner University](#)
- [Fundamentals of Visualization with Tableau - University of California, Davis](#)
- [Apigee API Management – Udemy](#)

Projects

Project #1: Campaign Data Operations

Client: Campaign Data Operation: DataOps team

Role: ETL Developer Tools: Ab Initio, Unix, IBM Scheduler

Description:

The objective of this project is to create multiple run scripts and valid file types for each campaign and to handle the day-to-day data. It includes development of various run scripts to handle the data from different teams, to run each campaign with session files for third party vendors, and to generate reports based on processed data.

Responsibilities:

- Automated campaign workflows.
- Processed seed list files to a Mainframe File.
- Add short code and valid file types through Git changes as per the requirements of client.
- To add/update time dependencies of Campaigns.
- Automation of new campaigns, removal of existing campaigns through IBM scheduler.
- Participated in team meetings to propose ways to continually improve the systems.
- Add/Update Campaign files in Abinitio generic Graphs.
- Managed end-to-end deployment and reporting systems.

Project #2: Business Technology Department

Client: Johny (Business Technology Department)

Role: ETL Developer

Tools: Ab Initio, Unix, IBM Scheduler

Description:

Developed Ab Initio graphs to handle the day-to-day data generated as part of business activities. The project included data transformations, file processing for third party vendors, and detailed reporting.

Responsibilities:

- Handled ETL processes, including transformations and aggregations.
- Automated workflows using IBM Scheduler.
- Check in/Check Out of new applications Using EME to perform the necessary modifications.
- Code promotion through Service Now and LiveQueue.
- Job monitoring and scheduling over Control Center over Abinitio Control Center and using IBM Scheduler

Project #3: MariaDB to Postgres Migration

Client: Campaign Data Operation: DataOps team

Role: ETL Developer

Tools: Ab Initio, Unix, IBM Scheduler

Description:

Migrated MariaDB database to Postgres database for all the tables that are consuming in our Abinitio Graphs as per business requirements. Optimized table loading times and enhanced overall database performance.

Responsibilities:

- Conducted impact analysis and developed migration strategies.
- Performed testing and ensured defect-free delivery.
- Tuned Ab Initio graphs and optimized workflows for better performance.
- Resolved production issues and implemented a multfile system for efficient data handling.