

**Data Engineer with nearly 3 years of experience with hitachi across multiple skills in the Banking domain. Expertise in multiple technologies like ETL, Pyspark, Python, Hadoop,, AWS Glue, AWS S3,coalesce, Airflow, SQL, SQL Server. • Can undertake a challenge to critically analyze and evaluate a complex problem to design a simplified solution. • Self-starter with creative, analytical, and problem-solving skills in high growth business environments. • Adept at meeting the expectation of multiple stakeholders.**

## Work Experience

**Hitachi Digital Services** | Data Engineer

**20/07/2022- Present**

- Designed and implemented scalable **data pipelines** to support post-trade platform functions, including reference data management, trade capture, reconciliation, and P&L in financial industry for a top fortune bank of USA,
- Leveraged **Python, SQL**, and AWS technologies to develop robust and efficient data processing for the Lending & Credit Risk and Online Banking pods and maintained data warehousing practices for the **Lending & Credit Risk** and **Online Banking** pods.
- Having prior knowledge on data architecture and modeling Collaborated closely with cross-functional teams to gather user requirements and deliver tailored data solutions, ensuring alignment with business objectives.
- Utilized Snowflake as a cloud data warehouse for efficient data storage and retrieval, optimizing performance and scalability.
- Implemented **CI/CD** pipelines using **Azure DevOps** and **Git** to automate data pipeline deployments and ensure continuous integration and delivery and use **datadog** for alerts.
- Demonstrated strong **analytical skills** in **troubleshooting** complex data issues and proposing effective solutions.
- Tech Stack - **Python, SQL, AWS, Snowflake, Azure Devops, Airflow, coalesce, Git, bash, Data Dog, Unix**

## Project Intern

**04/04/2022- 19/07/2022**

- Automated the deployment, maintenance and scaling of Cloud Native Environment.
- Developed and implemented **Pyspark ETL pipelines** to standardize data processing and improve data quality. Reduced data processing time by up to **50%**.
- Brought testing time of automation pipelines from **1.5 hours to 5 minutes** writing functional tests for three of the core pipelines of automation software
- Tech Stack - **Python, PL/SQL, big data analytics, Spark**

## Education

**Sri Vasavi Engineering College, Tadepaligudem, India**

**2018 - 2022**

- Branch: Computer Science and Engineering | CGPA: **8.65**

**Sri Chaitanya Mahila Jr College, Vijayawada, India**

**2016 - 2018**

- **BIEAP(Class XII), Aggregate: 83.2%**

## Skills

- **ETL tools:** Snowflake, Coalesce, AWS Glue, Databricks.
- **Programming Languages:** Python, SQL, Java, C.
- **Big Data/Hadoop related tools:** Hadoop, Spark, Hive
- **Cloud:** AWS Glue, AWS EMR, AWS S3, AWS athena, Airflow, Azure devops.
- **Database:** MS SQL Server, MongoDB, Redshift
- **Data visualization** Tableau
- **Scripting:** Unix Shell script, linux
- **Migration:** Git, BitBucket.

## PROJECTS

### Scalable ETL Pipeline for Data Ingestion and Transformation:

- Developed a robust ETL pipeline using AWS S3, Python, and Parquet to efficiently extract, transform, and load (ETL) data from CSV files stored in an S3 bucket. Implemented scalable data processing techniques to handle large datasets and optimize performance and get data in external tables.

### Streamlined Data Ingestion and Transformation with Snowflake and Apache Airflow:

- Developed efficient data pipelines using Snowflake stored procedures and Apache Airflow to automate data ingestion, transformation, and loading processes. Implemented transformation logics to ensure data quality and consistency. Leveraged Snowflake's capabilities for scalable and secure data management.

## Rewards and Recognition

- Received the Star of the Month (HV Techno Wiz Award) for timely completion of tasks and active involvement in multiple project roles.
- Appreciated by onshore management for working collaboratively with senior team members and for suggesting and implementing innovative automation ideas.
- Elected as a member of the Innovation Club for Gaming and Android development projects, where I guided and mentored juniors.
- Achieved the status of a top semi-finalist among 500 participants from India at the Virtusa WE CODE 48-hour hackathon.
- Solved over 200+ coding problems across multiple platforms [HackerRank](#), [GeeksforGeeks](#) and [HackerEarth](#)
- Certifications links: [Credly](#), [linkedin](#)