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| **CORE SKILLS**   * **Python** * **Snowflake** * **AWS** * **DBT** * **SQL** * **Linux** * **Shell scripting** * **REST API** * **Azure** * **MicroStrategy** * **Databricks** * **Cloudera** * **Automation** * **Production Support**   **Ticketing Tools**   * **Service Now** * **JIRA**   **Version Controling System**   * **GIT**   **Working Knowledge**   * **JAVA** * **Oracle forms & report.** * **Data Structure & Algorithms**   **Certifications:**   * **Machine Learning (NPTEL, IIT-M)** * **Python (NPTEL, CMI)** * **UNIX (TCS)** * **Oracle 19c for the cloud(TCS)** * **Data Mining Methods Basics (TCS)** * **Azure 900**   **EDUCATION:**  **B. Tech (Computer Science) –** 2015**,**  Meghnad Saha Institute of Technology,  CGPA**: 7.76**  **Higher Secondary (WBCHSE) –** 2010  Percentage marks**: 71%**  **Secondary School (Madhyamik) –** 2008  Percentage marks**: 88%** **ACHIEVEMENTS:**  * **Wall of Fame(1)** * **ACE Award(1)** * **Kudos (2)** * **Employee of the Quarter(1)** * **On The Spot Award(1)** * **Beyond Excellence Award(1)** * **Star of the Month Award(3)** * **Best Team Award(2)** |  | **APURBA SIKDAR**  Software Engineer  **M:** +91-8460901816| **E**: [apurbaskdr6@gmail.com](mailto:apurbaskdr6@gmail.com)  **In:** <https://www.linkedin.com/in/apurba-sikdar-62359778/> SUMMARY Versatile & reliable software engineers with 9 years’ experience in building, enhancing & maintaining quality software products and automation frameworks. Proficient in **Python** with 4 years’ experience in building automation suites to load data from different systems to Snowflake database and create jobs in airflow to automate jobs. Experienced **AWS**, **Snowflake, DBT, UNIX, Shell Scripting, Autosys, Cloudera, SQL/PL-SQL** with exposure to both **Linux** and Windows platforms. Contributed to the success of various projects by imbibing new skills as and when required. Work Experience **Accenture Ltd, Kolkata-Team Lead (Mar 2023 – Present)**  **Infosys Ltd,** Pune**-Technology Lead (**Jan 2022 – Mar 2023) Tata Consultancy Services, Bangalore - IT Analyst Aug 2015 – Jan 2022 **Migration and Automation:**   * Using Snowflake web user interface and SnowSQL for Database Management – Create/Drop schemas, tables, views, stages, file format, streams, tasks, sequences. Develop, test and deploy simple and complex sql queries. Clone database objects. Load structured and semi-structured data. Using AWS S3 to store and retrieve data from snowflake. * Data Pipeline migration from existing Zaloni platform to newly developed inhouse architecture using available AWS Services * Developed data flows that pull the data from various sources, SFTP, S3, HDFS * Automated data pull/download, cleaning, validation, transformation * Developed high quality code, unit testing automation scripts * Worked on various AWS Services; S3, Managed workflow for Apache Airflow, EMR, and EC2 * Migrated data into Snowflake from various sources. Developed schemas, source integrations and defined data models * Snowflake from various sources. Developed schemas, source integrations and defined data models. * Having 2 years of experience on DBT to transfer as part of migration of data from Hive to snowflake. Created different queries and python template to create DAG in Airflow.   **Automation and Enhancement:**   * Creating new workflow on airflow, and enhancing the existing code (Python, SQL, DBT, Snowflake) to fulfil business requirements. * Data Pipeline creation in newly developed inhouse architecture using available AWS Services * Developed data flows that pull the data from various sources, SFTP, S3, HDFS,Anaplan, SAP * Automated data pull/download, cleaning, validation, transformation * Developed high quality code, unit testing automation scripts * Worked on various AWS Services; S3, Managed workflow for Apache Airflow, EMR, and EC2 * Migrated data into Snowflake from various sources. Developed schemas, source integrations and defined data models * Snowflake from various sources. Developed schemas, source integrations and defined data models. * Having 2 years of experience on DBT to transfer as part of migration of data from Hive to snowflake. Created different queries and python templates to create DAG in Airflow. * Using Snowflake web user interface and SnowSQL for Database Management – Create/Drop schemas, tables, views, stages, file format, streams, tasks, sequences. Develop, test and deploy simple and complex sql queries. Clone database objects. Load structured and semi-structured data. Using AWS S3 to store and retrieve data from snowflake   **Automation**   * Wrote automation scripts in python to perform health checks for all products using REST API endpoints. This saved a manual effort of 30 mins daily and reduced chances for human errors. * The automation scripts would generate email alerts for failures and daily test summary reports for users. * Wrote shell scripts as well as batch files to automate deployments and setup environment on remote server. It would take care of deploying the artifacts and setup environment for the services to run. It would then perform validation steps to check if services are up & running and healthy. * Wrote python scripts to perform reconciliation of reports from multiple sources.   **Development & production support**   * Support end to end project life cycle starting from requirement gathering through design & development all the way up to testing and deployment. Worked on 25 different applications over 6 years. * Build different on-demand reports using SQL/PL-SQL. * Build shell scripts to automate tasks and schedule them as jobs which run automatically at the specified time. * Having exposure on Autosys jobs handling and Crontab job scheduling * Fix production issues for supported applications within the SLA and perform root-cause analysis, then document the mitigation steps for future use. * Exposure on MicroStrategy tools to check the schedule cubes and running huge numbers of data. Creating new reports and dossiers. Setup new cubes in MicroStrategy to load data. * Having exposure on Cloudera for Bigdata component. * Server migrations for different applications servers and databases and ensured there was smooth transition without any downtime. * As team lead of a 5-member team in TCS and 10-members team in Infosys, oversee task assignment and ensure on-time delivery with highest quality standards. * Support SOX audit for different applications and ensure there are no policy violations. |  |  |