ABHISHEK SHINDE

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SUMMARY

A data analyst with 3 years of experience in data engineering, ETL pipeline development, and business intelligence. Proven expertise in Python, SQL, and cloud platforms (AWS, Azure), with hands-on experience in an on-site project in Dubai. Certified AWS Solutions Architect and Data Engineer, skilled in Power BI, Tableau, and big data processing. Dedicated to utilizing data-driven solutions in analytics, cloud computing, and AI-powered insights to enhance business decision-making.

EDUCATION

Syracuse University, School of Information Studies, Syracuse, NY — May 2025
Master of Science| Applied Data Science

Mumbai University, K.J. Somaiya School of Engineering, Mumbai, India — October 2020
Bachelor of Technology| Electronics Engineering

EXPERIENCE

Research and Data Intern, Bakes for Breast Cancer, Needham, MA — July 2024 - September 2024

- Architected a Python-based data pipeline to extract, transform, and load leads via API, boosting lead generation accuracy.
- Generated detailed event tracking reports using Excel, analyzing historical data to guide future event planning, resulting in well-attended events.
- Delivered data-driven insights by creating performance reports in Tableau for fundraising efforts, leading to a 15% increase in contributions.

Data Analyst, Commtel Networks, Mumbai, India — August 2021 - July 2023

- Designed ETL pipelines for distributed data processing, reducing processing time by 40% and improving efficiency.
- Consolidated data from 3 disparate sources into a single SQL database, facilitating efficient transformation and analysis.
- Developed and deployed 40+ Power BI reports, highlighting key performance indicators (KPIs) to support decision-making.
- Built a centralized project tracking dashboard with Power BI, enhancing organizational oversight and project efficiency for 10+ departments.

TECHNICAL SKILLS

- Programming Languages: Python (Pandas, NumPy, SciPy), R.
- Data Engineering Tools: SQL Server, MySQL, NoSQL (Cassandra), Snowflake, Apache Airflow, PySpark.
- Visualization Tools: Tableau, Microsoft Power BI, AWS QuickSight.
- Cloud Platforms: AWS (Glue, Redshift, EMR, S3, Lambda, Kinesis), Azure (Blob Storage, Azure SQL DB).
- Certifications: AWS Certified Data Engineer Associate, AWS Certified Solution Architect - Associate, AWS Certified Cloud Practitioner, Data Analyst Nanodegree (Udacity), Business Analysts Nanodegree (Udacity).

PROJECTS

YouTube Data Engineering and Analytics Solution — August 2024 - August 2024

- Implemented a data ingestion pipeline using AWS Lambda to automate collection of trending YouTube video statistics, reducing manual efforts by 70%.
- Developed scalable ETL systems with AWS Glue, improving data consistency and quality by 50%.
- Established a centralized data lake on Amazon S3, enabling seamless access to 10+ TB of multi-source data.
- Created interactive dashboards with Amazon QuickSight, providing real-time insights and reducing reporting time by 60%.

Retail Store Data Analysis — July 2024 - July 2024

- Cleaned and transformed 10,000+ records in Python, ensuring data accuracy and consistency for effective analysis.
- Architected a Retail Stores Analysis solution using Python, SQL Server, and Power BI, achieving a 20% improvement in decision-making efficiency.
- Integrated SQL Server with Power BI for real-time data visualization, accelerating business decisions by 35%.

Real-Time Monitoring and Analysis System — July 2022 - September 2022

- Extracted data from multiple systems and 20+ networking devices using SNMP and Modbus protocols, ensuring seamless data flow into monitoring systems.
- Managed real-time data in Cassandra and historical data in SQL Server, reducing query latency by 30%.
- Optimized SQL queries to enhance data transformation efficiency, cutting processing time by 25%.
- Created a real-time health monitoring dashboard in Power BI, integrating KPIs and FPIs to improve system uptime.