BHUSHAN SAGAR

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Portfolio
LinkedIn.Com
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SKILLS:

- **Databases:** MySQL, MS SQL Server, Apache Cassandra
- **ETL:** Apache Hadoop, SSIS, Apache Spark (Py-Spark)
- **Data warehouses:** Apache Hive, Snowflake, Redshift, synapse Analytics
- **Workflow Management:** Apache Airflow
- **Version control and Containers:** Git, GitHub, Docker
- **AWS Services:** EC2, S3, Lambda, Athena, Redshift, Glue, RDS, DynamoDB, SNS, SQS, EMR, kinesis, firehose
- **Azure Services:** azure data-factory, azure synapse Analytics, azure blob storage, Cosmos dB, HDInsight
- **Data Analysis:** Ms Excel, Power BI, Python, SQL

EMPLOYMENT / EXPERIENCE:

SQL Developer	AXONE INFOTECH (SURAT)	1 July 24 - Present

Tech stack – Ms SQL Server, My SQL, Python, SSIS, Azure, Dynamic SQL, Power BI, Ms-Excel

- **Developed dynamic stored procedures**, streamlining SQL queries and reducing redundancy, **boosting query execution speed by 30%** and overall system efficiency.
- **Designed and implemented SQL dashboards** for performance tracking, trend analysis, and overlap detection, leveraging dynamic SQL to automate reporting and **enhance decision-making efficiency by 40%**.
- **Optimized ETL workflows with SSIS and Azure**, accelerating data integration, transformation, and migration processes by **50%**, seamlessly handling **millions of records**.
- Executed complex queries and conducted data analysis using MS SQL Server and MySQL, delivering insights that supported 3+ business units and improved data retrieval speed by 35%.
- **Led data warehousing initiatives**, managing structured storage and retrieval for **500M+ records**, reducing query response times by **25%** and enhancing scalability.
- **Consolidated and integrated datasets from various sources**, achieving a **98% accuracy rate**, which strengthened reporting precision and business intelligence.
- **Spearheaded SQL-driven ETL and migration strategies**, ensuring smooth data flow across systems and **reducing transfer errors by 90%.**

Junior Data Engineer	OM TECHSOFT(BHAVNAGAR)	15 march 23 – 15 Jun 24

Tech stack –MySQL, Power BI, Ms-Excel, Ms SQL Server, Python, Azure Synapse Analytics, Azure Data Factory, Pyspark

- Designed and optimized ETL workflows for data extraction, transformation, and storage using Azure Data Factory and PySpark.
- Migrated on-premise data to cloud platforms like Azure Synapse Analytics and SQL Server, enhancing performance and scalability.
- Provided application support, performed root cause analysis (RCA), and optimized database performance through query tuning and system enhancements.
- Transformed SQL-based workloads into PySpark and leveraged distributed computing for efficient large-scale data processing.
- Collaborated with stakeholders, managed data project documentation, and assisted in performance tuning for production environments.

EDUCATION:

Vadodara, India	PARUL INSTITUTE OF ENGINEERING AND TECHNOLOGY	2019-23

B-tech in Aeronautical engineering. CGPA 7.3

PROJECTS:

SAVERISK

Tech stack - Ms SQL Server, Python (Py-Spark), ADF

- **Developed Fine-tuning SQL procedures and dynamic code** to support **complex financial assessments and reporting**, reducing query execution time by **30%** and enhancing system responsiveness.
- **Designed and fine-tuned dynamic SQL queries** to analyze and integrate litigation data across district, tribunal, and apex courts, enabling **detailed risk assessments for 20+ Saverisk clients** and reducing manual processing by **50%**.
- **Built ETL pipelines using SQL Server**, streamlining data extraction, transformation, and loading processes, ensuring **99% accuracy** in the integration of legal and financial data and accelerating data availability by **40%**.
- **Implemented scalable data warehousing solutions** and **accessibility** for **millions of records**, improving query performance by **35%** and supporting real-time analytics.

DATA QUALITY INGESTION WITH AWS GLUE

Tech stack - SQL, Python, AWS S3, AWS Glue, AWS Redshift, AWS SNS, AWS Athena, Power BI

- Leveraged AWS Glue for end-to-end ETL processes, extracting movie rating data from Amazon S3 and conducting robust data quality evaluations.
- Applied schema transformations for data consistency and Enhancing storage. Stored failed quality check data on S3 for analysis with Athena and loaded quality-assured data into Amazon Redshift for Power BI visualization.

CERTIFICATION

- **Microsoft Certified: Azure Fundamentals [AZ – 900]**
- **Microsoft Certified: Azure Data Fundamentals [DP – 900]**

LANGUAGES:

- English