Bhagyashri Bhoyar – Data Engineer

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PROFESSIONAL SUMMARY

AWS Certified Data Engineer with 6.5+ years of IT experience in data engineering, cloud solutions, and application development. Skilled in Python (Pandas, NumPy, SciPy, Scikit-learn), Snowflake, PySpark, and Databricks, with hands-on expertise in diverse AWS services including Lambda, S3, GLUE, LEX, STEP FUNCTION, RDS, CLOUDWATCH, Athena, and DynamoDB. Strong background in SQL/MySQL development, cloud deployment, and end-to-end solution delivery across the SDLC. Recognized for adaptability, collaboration, and the ability to translate business requirements into scalable, data-driven solutions.

TOOLS & TECHNOLOGIES

• Programming Languages: Python (Pandas, NumPy, SciPy, Scikit-learn), SQL
• Cloud Services: AWS Glue, Lambda, Lex, S3, RDS, EC2, Athena, IAM, CloudWatch, CloudFront, DynamoDB, API Gateway
• Data Platforms: Snowflake, Databricks, PySpark, DuckDB
• Tools: Power BI, Git, Jira, Anaconda, Jupyter Notebook, VS Code, PyCharm
• Environment: Windows, Linux/Ubuntu

PROFESSIONAL EXPERIENCE

• Yash Technology Pvt Ltd – Sept 2022 to Present
• Persistent Systems Pvt Ltd – Feb 2021 to Sept 2022
• NeXus Software – Feb 2019 to Feb 2021

KEY PROJECTS EXECUTED

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1. Travelers FOA – Client: Travelers

- Analysed and translated legacy SSIS workflows into scalable, cloud-native pipelines using PySpark and Duck DB, with seamless integration into Snowflake.
- Designed and implemented optimized transformation logic, improving performance through efficient joins, caching strategies, and aggregation techniques.
- Led data integrity validation efforts, benchmarking outputs against SSIS results to ensure accuracy and reliability.
- Supported workflow automation and scheduling using Databricks Jobs and AWS orchestration tools for seamless execution and monitoring.

- Collaborated with cross-functional teams to deliver high-performance, cloud-deployed pipelines aligned with business requirements.

2. SNI-UDP 2.0 – Client: DataMart

- Designed and implemented Snowflake processes including DDL, snapshots, and Snow pipes to streamline data integration and management.
- Developed Python scripts to split large files into smaller chunks, significantly improving data processing performance.
- Built and maintained dbt scripts on top of views to enable robust data transformation, modelling, and scalability.
- Created detailed mapping documents and view documentation to ensure transparency, maintain data lineage, and support governance.
- Assisted in the design, development, and implementation of ETL workflows, enabling seamless integration of data from SAP, Salesforce, MS Dynamics, and other enterprise systems.

3. Finance Virtual Agent Chatbot – Client: ThermoFisher

- Developed and designed a chatbot using AWS Lex, integrating Lambda functions to fulfil business requirements.
- Stored frequently asked question files in AWS S3 buckets to support automated responses.
- Implemented triggers such as S3 and CloudWatch to enhance functionality and validate workflows.
- Captured AWS CloudWatch logs into an RDS database and performed metrics analysis for monitoring and optimization.

EDUCATION

• Master of Engineering – Savitribai Phule Pune University (2016)

AWARDS

- Team Bravo Award – Persistent Systems
- Bravo-Individual Awards– Persistent Systems
- Star Achiever Award-Yash Technology

PERSONAL DETAILS
• Date of Birth: 05 May 1991
• Languages: English, Hindi, Marathi
• Address: Kharadi, Nagpur