Ashwini Ramesh Benni

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SUMMARY

Data Analyst with 3 years of experience in building scalable ETL/ELT pipelines, cloud-based data workflows, and real-time analytics. Proficient in Python, PySpark, SQL, and modern data stack tools like Azure, AWS, Snowflake, dbt, Airflow, and Looker.

EDUCATION

Stevens Institute of Technology, NJ, USA   **May 2025**
Master of Science in Data Science

KLE Institute of Technology, KA, India   **August 2020**
Bachelor of Engineering in Electronics and Communication Engineering

TECHNICAL SKILLS

ETL/ELT & Data Integration: Informatica PowerCenter, Azure Data Factory (ADF), dbt, Oracle PL/SQL
Programming & Scripting: Python, PySpark, SQL, Shell Scripting, R
Cloud & Big Data Platforms: Azure (ADLS, Synapse, Databricks), AWS (EC2, S3, Redshift, Glue), Apache Spark, GCP
Data Warehousing: Snowflake, Oracle, PostgreSQL
BI & Visualization: Looker, Power BI, Tableau, Seaborn, Matplotlib

WORK EXPERIENCE

Romark Logistics, USA
Data Analyst Intern   **June 2024 – October 2024**
- Developed **end-to-end Azure-based ETL pipelines** (ADF, ADLS, Databricks) to modernize legacy systems, boosting query efficiency by 65%.
- Built and deployed **real-time data feeds** to Power BI dashboards using Python & SQL, enhancing visibility into supply chain metrics.
- Automated **data validation routines** using Python, reducing manual checks by 40% and increasing trust in data reliability.
- Integrated **Snowflake** with **Azure Synapse** for seamless enterprise-level cross-platform analytics.

SLK Software Pvt. Ltd, Bangalore, India
Software Engineer   **February 2021 - July 2023**
- Engineered robust **ETL pipelines** with **IBM InfoSphere DataStage** and **Informatica** for Fifth Third Bank, consolidating diverse banking data (Wealth Management, Payment Archives), reducing data processing latency by **30%**.
- Developed and executed **PySpark-based** data validation and archival processes for Huntington National Bank, efficiently migrating data between **Oracle**, **SQL**, **Hive**, and **PostgreSQL**, cutting processing time by **20%**.
- Improved platform stability and automation through monitoring, **Shell scripting**, and swift issue resolution.
- Built **Python-driven analytics modules** (**Pandas**, **NumPy**, **Scikit-learn**, **Seaborn**) and integrated **AWS** (**S3**, **EC2**) for internal SLK projects, enhancing data quality and delivering actionable insights.

ACADEMIC PROJECTS

AI-Driven Financial Advisory System   **January 2024 – May 2024**
- Built a **production-ready content recommendation** system leveraging K-Means Clustering, **Collaborative Filtering**, and **Linear Regression**.
- Engineered Python-based pipelines for data ingestion, preprocessing, and model training, unifying disparate media data sources.

Media Synergy: A Unified Recommendation System   **September 2023 – December 2024**
- Developed a personalized recommender system to improve content discovery using **clustering and predictive modeling techniques.**

Digital Media Campaign Optimization   **January 2025 – Present**
- Analyzed cross-platform campaign data using Python, SQL, and Power BI; applied A/B testing and regression analysis to optimize content performance and inform media **strategy decisions**.

CERTIFICATIONS & RECOGNITION

- Microsoft Certified: Azure Data Fundamentals (**DP-900**)
- Google Analytics for Beginners
- Received **'STELLAR TEAM'** award at SLK Software for data integration excellence (Q4, FY 21-22)

LEADERSHIP & VOLUNTEERING

- Founded **SPARK**, the first student R&D group at KLE Institute of Technology, and led its growth to 50 members.
- Volunteered as a **Math Olympiad** proctor and evaluator at Stevens Institute in May 2024, supporting academic operations.

WORK AUTHORIZATION

- F-1 Student Visa | OPT + STEM OPT Eligible | Open to Relocation