SANDEEP SHARMA J V
+91 9441549932   Hyderabad, Telangana
jvskdeepu@gmail.com   LinkedIn

SUMMARY

Results-driven Azure Data Engineer with 5+ years of professional experience in designing, developing, and optimizing large-scale data pipelines and cloud solutions. Skilled in ETL/ELT orchestration, data modeling, data warehousing, and real-time streaming using Azure Databricks, Azure Data Factory, and Azure Synapse. Strong expertise in SQL, PySpark, and Python for building scalable and automated data workflows. Proven ability to deliver end-to-end data engineering solutions, enhance data governance, and support advanced analytics, reporting, and machine learning initiatives.

TECHNICAL SKILLS

Programming Languages: SQL, PySpark, Python
Cloud Platforms: Microsoft Azure (Data Factory, Data Lake Storage Gen2, Databricks, SQL Database, Key Vault, Blob Storage)
Data Engineering Tools: Delta Lake, CI/CD Pipelines, Power BI (integration), Data Warehouse Design
Other Tools: GitHub, Jira, ServiceNow

CERTIFICATIONS

Microsoft Azure Fundamentals (AZ-900) | Microsoft Azure Developer Associate (AZ-204) | AWS Cloud Practitioner | Google IT Support

EXPERIENCE

HCL Technologies, Hyderabad, India
Software Engineer (Azure Data Engineer)   *Dec 2020 – Present*

- Designed and deployed enterprise-grade ETL/ELT pipelines using Azure Data Factory, Azure Databricks for ingestion, transformation, and integration of diverse datasets.
- Developed and maintained data models, data lakehouse architecture, and Delta Lake tables to support reporting, analytics, and machine learning workloads.
- Built reusable PySpark/Python frameworks for data transformation, schema evolution, and automation of data workflows.
- Implemented CI/CD pipelines with GitHub Actions for version control, automated deployment, and infrastructure-as-code best practices.
- Enhanced system performance and optimized query execution across distributed storage solutions, ensuring high data availability and reliability.
- Partnered with business stakeholders, data scientists, and solution architects to design scalable and cost-effective cloud data platforms.
- Conducted comprehensive data quality assessments, lineage tracking, and metadata management to strengthen data governance.
- Automated validation, reconciliation, and monitoring of large datasets to ensure accuracy, consistency, and compliance with enterprise data policies.

Technical Trainee   *Sep 2019 – Dec 2020*

- Completed extensive training in Active Directory, Database Administration, Networking, and Windows Administration.
- Delivered a live enterprise project, applying cloud fundamentals, database management, and system integration practices.
- Built strong foundation in data engineering principles, cloud migration strategies, and enterprise IT infrastructure.

EDUCATION

Bachelor of Science: Computer Science & Computing
Birla Institute of Technology and Science, Pilani

Higher Secondary Education: Mathematics, Physics, Chemistry
Velocity Junior College - Hyderabad