

ARJUN REDDY

DATA ENGINEER | CLOUD DATA ARCHITECT | BI SPECIALIST

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PROFESSIONAL SUMMARY

Cloud-native Data Engineer with 5+ years of experience building scalable data platforms and analytics solutions across Azure, AWS, and Hadoop ecosystems. Specialized in designing robust ETL pipelines, implementing data governance, and delivering business insights through end-to-end data engineering. Proven ability to collaborate with cross-functional teams to build high-performance, production-grade data systems in fast-paced environments.

TECHNICAL SKILLS

Languages: Python, SQL, Scala, PySpark, C

Cloud & Data Tools: Azure Data Factory, Azure Synapse, Databricks, Snowflake, AWS (S3, EC2, EMR, Athena), Apache Airflow, Apache Spark, Hive, Hadoop

Databases & Visualization: MSSQL Server, Teradata, Power BI

DevOps & Others: Azure DevOps, Git, Jira, Confluence, Azure Web Apps, Log Analytics, Data Lake, Purview

PROFESSIONAL EXPERIENCE

Deloitte – Consultant

Nov 2024 - Present

- Architected a metadata-driven, cloud-native data platform using Databricks, ADF, and Azure Synapse, improving processing efficiency by 40%.
- Developed scalable pipelines supporting real-time analytics and enterprise-wide reporting.
- Enabled CI/CD automation across dev/test/prod using Azure DevOps, increasing deployment speed by 35%.
- Integrated Azure Purview for enterprise-wide data governance and lineage tracking.
- Partnered with data scientists to implement MLOps practices, accelerating model deployment by 30%.

Cognizant – Associate

Nov 2023 - Oct 2024

- Engineered high-volume PySpark jobs for batch and near real-time data processing in Apache Spark.
- Designed optimized Hive tables on HDFS to support downstream BI and reporting.
- Engaged with business stakeholders to refine data models and meet SLAs for performance and scalability.

CES – Analyst

Apr 2021 - Aug 2023

- Delivered GDPR-compliant solutions including PII scrubbing, data masking, and encryption.
- Built and orchestrated pipelines using ADF to move billions of records into cloud data lakes.
- Defined and implemented access control and security frameworks for sensitive data.

Jubilee Infotech – Software Engineer

Jul 2019 - Apr 2021

- Created end-to-end cloud-native pipelines on Azure and AWS for ingesting structured/unstructured data.
- Delivered scalable data solutions aligned with FAANG-level performance standards.
- Handled L2/L3 support for critical data platforms, maintaining 99.9% uptime SLAs.

EDUCATION

Bachelor of Technology (B.Tech)

May 2014 - Jul 2018

Himalayan University

CERTIFICATIONS

- Microsoft Certified: Azure Data Engineer Associate
- Databricks Certified Data Engineer
- AWS Certified Solutions Architect – Associate

PROJECTS

- Built a streaming data pipeline using Azure Event Hubs, Databricks, and Synapse to process real-time events and visualize insights in Power BI with low latency.