V Praneeth

Certified Azure Data Engineer

Email:
praneethv65@gmail.com
Phone: 8374089420

Core Competencies

SQL | Python | Azure Data Factory | Azure Databricks | Azure Synapse | Pyspark | GitHub | Kafka | Hadoop | NoSQl

Education

Bachelor of Technology (B.Tech)

JNTUA, 2016

Certifications

DP-203: Microsoft Certified Azure Data Engineer Associate

Professional Summary

Dynamic IT professional with 5 years of expertise in data engineering and application development. Skilled in leveraging Azure tools for building scalable, optimized data solutions. Proven ability to streamline processes, improve analysis capabilities, and deliver strategic business value.

Professional Experience

Data Engineer - NCR (April 2023 – Present)

Engineered fault-tolerant ETL pipelines using Azure Data Factory, reducing processing errors by 50% and enabling seamless data flow.

Optimized SQL Server queries, improving data retrieval speeds by 40%, and reducing report generation time by 80%.

Resolved critical data pipeline bottlenecks, resulting in a 30% increase in system performance and faster decision-making.

Designed scalable systems for real-time data processing, enhancing operational efficiency by 25%.

Data Engineer - ValueMomentum (Oct 2020 – March 2023)

Designed and implemented ETL workflows to extract, transform, and load terabytes of data into Azure SQL Database, reducing manual data processing by 40%.

Optimized cloud resource usage by configuring cost-effective storage tiers in Azure Data Lake, reducing operational costs by 20%.

Conducted root cause analysis for pipeline failures, reducing recurring issues by 30% through optimized process re-engineering.

Software Engineer - Cognizant (April 2019 – Sep 2020)

Experienced in object-oriented programming (OOP) principles and implementing robust, scalable applications.

Skilled in debugging, testing, and optimizing code to ensure high performance and reliability.

Familiar with Agile methodologies, collaborating effectively within cross-functional teams.

Projects

Real-Time Data Processing System

Built a scalable real-time data processing system using Azure Stream Analytics and Azure Functions.

Designed and implemented a fault-tolerant architecture to ensure high availability and reliability.

Developed custom modules to integrate various data sources, including IoT devices and social media feeds.

Monitored and analyzed system performance, leading to a 25% improvement in data throughput.

Automated alerts and notifications for system anomalies using Azure Logic Apps and Azure Monitor.

Collaborated with stakeholders to define key performance indicators (KPIs) and reporting requirements.

Azure Data Warehouse Modernization

Migrated legacy data warehouse to Azure Synapse Analytics, ensuring seamless data integration and access.

Implemented advanced ETL workflows using Azure Data Factory, reducing data processing time by 40%.

Configured cost-effective storage solutions with Azure Blob Storage, lowering operational expenses by 20%.

Enhanced data security and compliance with Azure Key Vault and Role-Based Access Control (RBAC).

Designed data models and schemas to support business intelligence and reporting needs.