NAVEEN AKASH R

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CLOUD DATA ENGINEER

An experienced Cloud Data Engineer with 2 years of expertise in both Google Cloud Platform (GCP) and Amazon Web Services (AWS). In GCP, developed robust data pipelines using BigQuery for efficient data processing and analysis, utilized Composer, Google Cloud Storage, and Cloud Composer. In AWS, launched and managed applications on EC2 instances, used S3, Route 53, Amazon Certificate Manager, and Load Balancer.

PROFESSIONAL EXPERIENCE

Cognizant Technology Solutions   **September 2023 - Present**
Data Engineer

Google Cloud Platform (GCP):
- Developed robust data pipelines using BigQuery for efficient data processing and analysis.
- Utilized Cloud Functions to automate tasks and manage event-driven workflows.
- Managed data storage solutions with Google Cloud Storage.
- Orchestrated complex workflows using Google Cloud Composer.
- Enhanced and monitored multiple modules to ensure optimal performance and reliability.

Amazon Web Services (AWS):
- Launched and managed applications on EC2 instances.
- Implemented scalable storage solutions with S3.
- Configured domain name services using Route 53.
- Ensured secure communications with Amazon Certificate Manager.
- Optimized application performance using Load Balancers.

Cognizant Technology Solutions   **May 2023 – July 2023**
AWS Data Engineer Intern

- Engineered a fully automated ETL pipeline that ingests CSV files into Amazon S3, leverages EventBridge to trigger AWS Lambda, and uses AWS Glue for transformation to Parquet, enhancing data processing efficiency by 40%.
- Streamlined data analysis by integrating Amazon Athena for querying Parquet files, reducing execution time and improving overall analytical performance.
- Automated job completion alerts using Amazon SNS, reducing the need for manual monitoring by 20%.
- Designed and developed 5 dynamic dashboards in Amazon QuickSight, delivering real-time insights and improving decision-making efficiency by 15%.

EDUCATION

Bachelor in Technology : Information Technology   **August 2019 - May 2023**

PSNA College of Engineering and Technology
CGPA:8.72

TECHNICAL SKILLS

- Python
- SQL(MySQL)
- Apache Airflow

GCP

- Big Query
- GCS
- Cloud Composer
- Transfer Job

AWS

- EC2
- S3
- Route 53
- Amazon Certificate Manager
- Load Balancer
- Lambda
- Glue
- Event Bridge
- SNS
- Athena

CERTIFICATIONS

- AWS Certified Cloud Practitioner
- AWS Certified Solutions Architect Associate
- Google Cloud Certified - Professional Data Engineer

LANGUAGES

- English (Full professional proficiency),
- Tamil (Native or bilingual proficiency)