**ANANTH BABU KANAGALA**

**DATA ENGINEER**

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**SUMMARY**

Adept Data and Application Engineer with a proven track record at TCS with 2+ years of experience, where I spearheaded the migration of critical data and applications to Google Cloud, enhancing operational efficiency for Lloyds Banking Group and C&S Wholesale Groceries. Excelled in utilizing Python and SQL, demonstrating exceptional collaboration skills and a commitment to precision in high-stakes environments.

**TECHNICAL SKILLS**

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| --- | --- |
| * GCP Big Query, Composer, GCS, M2VM | * Data Migration |
| * Linux, Git | * Jenkins |
| * Python, SQL | * Terraform, Ansible |

**PROFESSIONAL EXPERIENCE**

**Data Engineer, TCS Aug 2023 – Present**

* Facilitated the transition of on-premises data to Google Cloud for **Lloyds Banking Group**.
* Developed automated processes using scripting languages like Python or PowerShell for recurring tasks such as generating reports or creating backup copies of databases.
* Created SQL scripts to extract source system data into staging tables and load into target system tables. Performed unit testing of migrated data to ensure accuracy of results.
* Worked effectively in team environments to make the workplace more productive.

**Migration Engineer, TCS Sep 2022 - Jul 2023**

* Migrated on-premises applications to Google Cloud for **C&S Wholesale Groceries**.
* Conducted comprehensive network analysis and configured firewall rules for each server in the application.
* Developed comprehensive architecture diagrams for applications based on detailed information from application owners.

**EDUCATION**

**Bachelor of Technology I Electronics & Communication Jun 2018 - Apr 2022**

Gudlavalleru Engineering College, Gudlavalleru.

* CGPA- 9.0
* Academic project - Multi Level Traffic Controlling System Using IOT.
* Published on **IJRASET** - Implementation of Multi Level Traffic Controlling System using IOT.

**ADDITIONAL INFORMATION**

**Languages**: English, Telugu, Hindi

**Certifications**: Associate Cloud Engineer (ACE), Professional Cloud Architect (PCA).

**Awards/Activities**: Honoured with Recognition Certificate for playing a significant role in Google cloud migration (2024).