

Vighneshwara C

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Work Experience

RISKONNECT | DATA ENGINEER | PYTHON, SQL, AWS, DATABRICKS | [LINKEDIN](#) Nov'23 – PRESENT

- Implemented end-to-end streaming pipelines between client APIs and Databricks, ensuring continuous data availability.
- Utilized AWS EC2 instances to extract real-time data using Python and established Kafka producers to optimize data flow.
- Leveraged Kafka streams and Apache Spark to extract, transform, and load data into Databricks while maintaining backups in S3, thereby enhancing data availability and reliability.
- Transformed data based on business requirements using DBT, enabling seamless integration with Salesforce for data dashboarding and visualization.

TCS | DATA ENGINEER | PYTHON, SQL, GCP, AIRFLOW | [LINKEDIN](#) AUG'21 – Nov'23

- Implemented end-to-end ETL processes for British Telecom, facilitating the extraction, transformation, and loading of diverse data sources into Google Cloud Platform using PySpark.
- Utilized Big Data ETL tools including DataProc, DataFlow, Spark, Airflow, and Pub/Sub to streamline data loading and processing within Google BigQuery.
- Developed and executed BigQuery transformations using DBT, to extract actionable insights from the data.
- Successfully led the migration of data from Oracle to GCP, optimizing data infrastructure and reducing costs for AI solution trials.

VARDHAN CONSULTING ENGINEERING | DATA ANALYST INTERN JUNE – JULY'20

- Categorized business income and technical resources to derive insights and enhance decision-making processes.
- Utilized Pandas for data cleaning and organization, ensuring data quality and consistency.
- Leveraged Matplotlib for data visualization, creating impactful visuals to communicate insights effectively.

Education

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| Mangalore Institute of Technology and Engineering (B.E Mechatronics - 2021) | - 8.39 CGPA |
| 12th (Senior Secondary Examination - 2017) | - 80% |
| 10th (Secondary Examination - 2015) | - 81.76% |

Skills

- Language: Python, SQL, Bash
- Cloud: Google Cloud Platform (ACE, PDE & PDBE Certified), AWS
- Tools/Frameworks: Apache Spark, DBT, Airflow, Databricks, kafka, Git, Terraform, SSIS

Achievements

- Employee of the Month | Received multiple recognition for creative and critical solution deployment in TCS.
- Robot Motion Control using OpenPose | Research paper to Contribute to the field of robot motion control.
- Microsoft Student Ambassadors | Represented Microsoft Learn program by promoting its opportunities to peers.

Leadership

- Led a team of 7 developers to deliver crucial tasks under the supervision of the Technical Head at TCS within a time-constrained environment.
- Designer Head | Led a team of over 100 students of the Design club, fostering creativity and collaboration.
- Lead Member | Under MITE YOUTH RED CROSS, organized various charity events and volunteering works to support the community.