




JUHI KUMARI

SENIOR DATA ENGINEER

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 +91 9112641130

 Bengaluru, India

 <https://github.com/Juhi28august>

CAREER SUMMARY

7 Years 2 Months of hands-on Experience in Data Engineer domain & proficient in Spark, Python, and SQL. Expertise in designing and implementing scalable data pipelines, optimizing data processing workflows, and ensuring data quality and reliability.

TECHNICAL SKILLS

- Apache Spark
- Python
- SQL (Structured Query Language)
- ETL (Extract, Transform, Load)
- Data Pipeline and Workflow Management
- Microsoft Azure Data Factory
- Azure Databricks
- Azure Synapse Analytics
- Azure HDInsight
- Azure Stream Analytics

WORK EXPERIENCE



Senior Data Engineer

Kenisis Technology, Pune

August 2018 to Present (5 years, 1 months)

- Developed efficient and scalable data pipelines using Spark, Python, and SQL to extract, transform, and load (ETL) data from Azure Blob Storage (Parquet, CSV) into Azure Data Lake Storage.
- Implemented data partitioning, indexing, and optimisation techniques to improve query performance.
- Optimised Spark jobs, SQL queries, and python scripts to improve overall system efficiency and reduce processing time.



Software Engineer

Kenisis Technology, Pune

August 2016 to August 2018 (2 years, 1 months)

- Developed and optimised Spark jobs and scripts to perform complex data transformations, aggregations, and calculations to ensure data quality, integrity, and consistency throughout the process.
- Monitored data pipelines and processing systems for errors, anomalies, and performance issues. Troubleshooted and resolve data-related problems to ensure smooth and uninterrupted data flow.
- Processed large sets of structured, semi-structured and unstructured Data on Azure Cloud using python script

CERTIFICATIONS



DevOps: Docker, Kubernetes, Terraform and Azure DevOps

Institution: Udemy

2022



DEVOPS Pipeline with Python Web App AWS Devops CICD

Institution: Udemy

2022



Java/J2EE Development Course (Certification)

Institution: SEED Infotech Ltd

2016



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EDUCATION

- Computer Engineering (Year 2012 - 2016)
Technocrats Institute Of Technology
Percentage: 78.90
- 12th (Year 2011)
Percentage: 63.24
- 10th (Year 2009)
Percentage: 64.00

PERSONAL INFO

- Date of Birth
28th January 1995
- Languages Known
English, Hindi

PROJECT HISTORY



QOE Optimisation in 5G Telecom Management

Kenisis Technology

August 2018 to August 2020 (1 years, 5 months)

- Developed robust data pipeline that ingests, processes and create a cluster of tables that enable CRUD operations in Azure Synapse Analytics.
- In phase two, we performed data cleansing and transformation operations on 5G Telecom PM Data (Performance Metrics Data) and stored the data in a target table in Azure SQL Database.
- Finally, this data is used to create KPIs and visualise them using Plotly and Python, and pushed the data to the BI Dashboard for Data Analysis.



QOE Application KPI CI/CD Pipeline in 5G Telecom Management

Kenisis Technology

August 2021 to August 2023(2 years, 1 months)

- Data from multiple cells, including performance metrics, traffic patterns, and user statistics, are aggregated to provide a holistic view of the network's health and performance using Spark's distributed computing capabilities and performed aggregation operations on the data, such as grouping, filtering, and summarising
- The aggregated data is integrated with other relevant data sources, such as network topology, configuration parameters, and service-level agreements, to gain comprehensive insights into the network's behavior.

DECLARATION



I hereby declare that the information given above is true to the best of my knowledge & belief.

Date: 12 September 2023

Place: Bengaluru

Signature

Juhi Kumari