

SHASHANK SETH

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EXPERIENCE

Python Developer at Pinnacle Digital Analytics Pvt. Ltd.

March 2022 - Present

- Demonstrated proficiency in RDBMS schema, ETL processes, and data models, ensuring efficient data transformation and analysis.
- Developed and executed automated test frameworks to validate source-to-target mapping, data load and extract processes, and data pre-processing.
- Proficiently utilized PowerShell scripting for automation tasks and SQL databases for data storage and retrieval.
- Implemented Python scripting and PySpark for advanced data processing tasks, enhancing data transformation capabilities.
- Demonstrated expertise in ETL processing and dimensional modeling, ensuring optimized data warehouse structures and efficient data retrieval.
- Leveraged Azure storage services, including ADLS and Storage Accounts, for scalable data storage solutions.
- Implemented version control using GIT, gitlab enabling collaboration and code management among team members.

ACHIEVEMENTS

- Employee of the Quarter Award (03/2023).
- Streamlined data ingestion processes by 30% through the implementation of Azure Data Factory pipelines.
- Enhanced data processing efficiency by 25% through the utilization of Azure Databricks for advanced analytics.
- Successfully designed and implemented dimensional models for optimized data warehousing solutions.

PROJECTS

Automation Enhancement in Distributed Systems

(09/2022 - 10/2022)

- Implemented automation techniques and Elasticsearch, resulting in 50% reduction in manual and error-prone data preparation tasks.

Optimized Data Consumption

(03/2022 - 04/2022)

- Enhanced data consumption patterns through intelligent sampling and caching, improving overall efficiency by 60%.

CERTIFICATIONS

- Google Cloud Professional Data Engineer - Google
- Microsoft Certified: Azure Data Engineering Associate (01/2024 - Present) - Microsoft
- Dynamic Programming - Udemy
- Data Engineering Essentials using SQL, Python, and PySpark - Udemy

SKILLS

- | | | | |
|--------------|-------------------------------|-----------------------------|-------------------|
| • Python | • GCP (Google Cloud Platform) | • Docker | • Google BigQuery |
| • MySQL | • Databricks | • Hadoop | • NoSQL (MongoDB) |
| • PostgreSQL | • Redshift | • Apache Airflow | • ETL Tools |
| • Pyspark | • Azure | • Automated Test Frameworks | |

EDUCATION

Institute of Engineering and Rural Technology (I.E.R.T Prayagraj)

2018 – 2022

B.Tech - Computer Science and Engineering - CGPA - 7.5

Prayagraj, Uttar Pradesh

EXTRACURRICULAR

- Taught basic Python in offline Mode 05-2021 to 12-2021
- Management team Member from 2019 to 2022