Aman Kumar Pandey

Azure Data Engineer

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Summary

Experienced Data Engineer adept at transforming complex data into valuable insights. Proficient in utilizing Azure cloud services such as **Databricks, Data Factory, and SQL** to collect, process, and analyse data.

Skilled in **PySpark**, **SQL**, **Python**, **Apache Spark** with proven record of demonstrating success in spearheading data engineering initiatives, leading cross-functional teams, and delivering impactful solutions. Seeking new challenges in a dynamic, growth-oriented environment.

Skills

- **Programming Languages**: --Python | SQL | PySpark | SparkSQL

- **Azure Cloud Services-** Azure Databricks | Azure Data Factory | Azure Synapse Analytics | Azur Data Lake gen2

- **Big Data Tools** – Apache Hive | Spark | Hadoop | Apache Kafka

- **DevOps** – Azure DevOps | Git | Bitbucket | Jenkins

Work Experience

Data Engineer   Dec 2021 - Present
Infosys Limited   *Pune Maharashtra*

- Designed and implemented end-to-end data pipelines, Utilising **Azure Data Factory** to transform raw data into actionable insights.
- Employed **Azure Databricks and PySpark** for advanced data processing and analytics, ensuring optimal performance and scalability.
- Spearheaded the development and implementation of storage solutions, utilising **Azure Data Lake Gen2** and Azure SQL. These efforts resulted in a 50% reduction in data retrieval time and improved overall system performance.
- Enhanced data Governance and access control by implementing **Databricks Unity Catalog** in all data products successfully
- Proficient in designing and implementing **Azure DevOps CI/CD** Pipelines for data engineering project in team optimizing automation, and ensuring scalabilty and compliance.
- Managed and directed a team of 5 individuals to optimize product delivery timelines, resulting in a **20%** increase in on-time project completions.

Process Executive   Apr 2021 - July 2021
Nvidia Graphics Pvt Ltd. (Payroll – Randstad Technologies)   *Pune, Maharashtra*

- Labelling the frames with multiple classes and giving attributes to detect objects for the AI driverless car.
- Engineered an Innovative AI vehicles computing platform, equipping automobiles with human-like-decision-making capabilities leading to 25% decision making and improving efficiency.

Education

Bachelor of Technology

July 2015 – June 2019

Dr Apj Abdul kalam Technical University , Lucknow

- Data Warehousing, Data Transformation, Stored Procedures, Snowflake, PowerShell, Decision Tree, Random Forest, Microsoft Excel, Git
- Cumulative Score : 73.70 %

June 2013 – June 2015

Senior Secondary Education
Central Academy Prayagraj

- Cumulative Score : 84.00**%**

Achievements

Won **Insta Award 2022** in Infosys for outstanding performance in Data transformation, Migration and Service management of client data.

Certificates

- Microsoft Certified Azure Fundamental. (AZ 900)

- Microsoft Certified azure Data Fundamental. (DP-900)

- Microsoft certified Power Bi Data Analyst Associate. (PL-300)

- **Microsoft certified Azure Data Engineer Associate. (DP-203)**

- Oracle Cloud Data Management 2022 Foundation associate.