MEET JAIN

System Engineer

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A-202, Shivay Residency, Vadodara

SUMMARY

Experienced System Engineer proficient in PostgreSQL, SQL, Python, PySpark, and AWS Services. Transitioning focus toward Data Engineering, Data Science, or Data Analysis roles. Eager to optimize database development processes and uncover actionable insights for strategic business decisions. Seeking opportunities to innovate and grow professionally in dynamic settings.

EDUCATION

Pandit Deendayal Petroleum University

Bachelor's Degree in Information and Communication Technology
2017 – 2021

TECHNICAL SKILLS

- Python
- Spark (Python)
- PostgreSQL
- AWS Services
- SQL
- HTML
- Java

SOFT SKILLS

- Observation
- Decision making
- Communication
- Multi-tasking

TOOLS

- Databricks
- PyCharm
- PgAdmin
- ServiceNow

PROFESSIONAL EXPERIENCE

System Engineer

Infosys Limited | June'2021 - Nov'2023

- Proficient in PySpark for data extraction, analysis, and processing.
- Demonstrated expertise in leveraging PySpark for diverse data manipulation tasks.
- Proficient in Python programming with a focus on data manipulation, ETL processes, and building scalable data pipelines.
- Managed and supported multiple large PostgreSQL databases with over 10TB of data, including backups, restores, monitoring, and performance tuning.
- Designed and implemented a process to migrate all existing databases from one version of PostgreSQL to another version without downtime during business hours.
- Created automated scripts to backup the database nightly and restore it in case of failure or migration to new hardware.
- Implemented an alerted system using CloudWatch for critical issues such as disk space depletion or high CPU usage by processes on the server.
- Demonstrated expertise in backup and restore procedures of PostgreSQL databases using utilities like Pg_dump and Pg_restore.

CERTIFICATIONS

- Infosys Certified AWS Solution Architect
- Infosys Certified AWS Cloud