

Anuj Kumar

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CERTIFICATIONS

- **Snowflake SnowPro Core Certification:** Demonstrated expertise in Snowflake's data platform and cloud data warehousing.
- **Databricks Data Engineer Associate:** Certified in building and maintaining data pipelines on Databricks, with a focus on efficiency and scalability.

EXPERIENCE

- **Infosys Limited** Bengaluru, India
Senior Systems Engineer Nov 2021 - Present
 - **Python Automation:** Developed Python and Bash scripts to automate data processing and reconciliation tasks, saving over 20% manual effort.
 - **Data Pipelines:** Designed and optimized ETL workflows using Snowflake, Databricks, and PySpark to process large-scale datasets efficiently.
 - **SQL Optimization:** Improved SQL query performance by 30% through query tuning and database optimization.
 - **Debugging & Troubleshooting:** Resolved software issues effectively, leading to a 40% reduction in reported bugs.
 - **AI/ML Initiatives:** Integrated machine learning models for anomaly detection and predictive analytics in business workflows.
 - **Cross-functional Collaboration:** Worked closely with stakeholders to ensure seamless implementation of business requirements.
 - **Tech Stack:** Python, SQL, Snowflake, Databricks, PySpark, Docker, Kubernetes, Tableau, AWS, React, Bash, SAP HANA.

SKILLS

- **Programming:** Python, SQL, PySpark, Bash, React
- **Data Engineering:** Snowflake, Databricks, Apache Airflow, ETL Pipelines
- **AI/ML/DL:** TensorFlow, PyTorch, Scikit-learn, NLP (SpaCy, NLTK), Generative AI Models
- **Visualization:** Tableau, Matplotlib, Seaborn
- **Cloud/DevOps:** AWS, Docker, Kubernetes, Git
- **Soft Skills:** Leadership, Team Collaboration, Problem-solving, Analytical Thinking, Communication

PROJECTS

- **Internal Reconciliation Tool (Python, AWS, Docker, SQL):** Developed a reconciliation tool to auto-correct data and generate reports, reducing business reconciliation efforts by 15%.
- **Compliance Check Tool (React, SQL, Python):** Built a GDPR compliance tool to ensure secure data handling and prevent information leakage.
- **Confidential Finance Project (SQL, Snowflake, AWS):** Collaborated on a financial project to deliver key business metrics using SQL and Snowflake.
- **Data Migration (AWS, Snowflake, Python):** Migrated on-premises data to Snowflake Cloud, enabling faster access for two business areas.
- **YouTube Transcript Summarizer (NLP, Flask):** Created an API to summarize YouTube transcripts, serving 200+ daily users via Flask on top of NLP models.

EDUCATION

- **Gaya College of Engineering, Gaya** Patna, India
B.Tech in Computer Science & Engineering; CGPA: 8.54 2017 - 2021