Nirav Chauhan
Data Engineer

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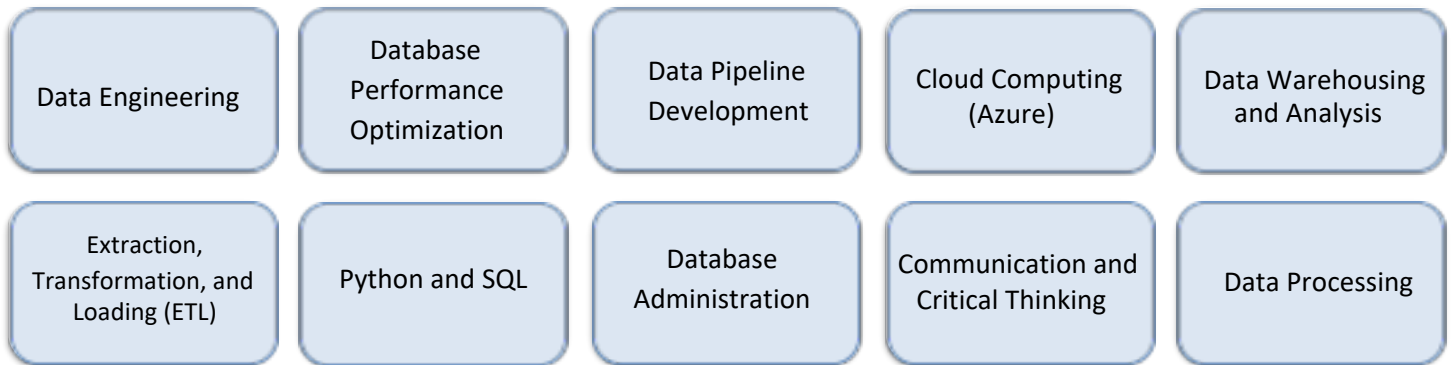9726834066 ☎

https://www.linkedin.com/in/nirav-chauhan/ 🔗

Hello! I am a Data Engineer with over 2 years of experience in data engineering, adept at optimizing database performance, troubleshooting issues, and building data pipelines. Seeking a challenging role as a Data Engineer in a remote, hybrid, or India-based position, focusing on database management, data analysis, and cloud computing.

Profile Summary

- A versatile Data Engineer with 2 years of hands-on experience in database performance optimization, data pipeline development, monitoring, and troubleshooting, supporting data-driven solutions across diverse industries.
- Currently working as a Data Engineer at Actowiz Solutions, with proven expertise in developing, optimizing, and maintaining scalable data pipelines to support efficient data processing and growth.
- Strong analytical and problem-solving skills with proven experience in database systems and data technologies, including Apache Spark, along with proficiency in **Python**, **SQL**, and **Shell scripting**.
- Actively exploring and applying **Generative AI (Gen-AI)** concepts to enhance data engineering workflows, such as automating data quality checks, optimizing ETL processes, and integrating AI-driven insights into analytics pipelines.

Core Competencies

Data Engineering	Database Performance Optimization	Data Pipeline Development	Cloud Computing (Azure)	Data Warehousing and Analysis
Extraction, Transformation, and Loading (ETL)	Python and SQL	Database Administration	Communication and Critical Thinking	Data Processing

Technical Skills

Programming Language:	Python, SQL
Cloud Provider (Azure):	ADLS, ADF, Azure SQL, Azure Functions, Synapse
Big Data:	Apache Spark, Hadoop distributed system
Databases:	MySQL, PostgreSQL, MongoDB
Data Warehouse:	Snowflake
Orchestration:	Databricks, ADF
Documentation:	MS office (Excel, Word, PowerPoint)
Version Controlling:	Git & GitHub

Work Experience

Data Engineer | Actowiz Solution LLP | Ahemdabad, Gujarat | Oct 2024 - Present

- Worked as a Data Engineer using the Azure Data Engineering stack to design and implement end-to-end data pipelines. Built and maintained scalable ETL workflows using **Azure Data Factory** and **Databricks** following the Medallion Architecture (Bronze, Silver, Gold). Ingested data from multiple sources including **Azure SQL Database**, flat files, and public APIs into **ADLS Gen2**.
- Experienced in designing, building, and optimizing scalable data pipelines for large-scale data extraction, leveraging **ETL/ELT** concepts to ensure high performance and reliability. Proficient in developing data transformations using **Apache Spark** and **PySpark** on **Databricks**, along with strong expertise in SQL for database management and Git for version control, with a focus on efficient, maintainable data solutions.
- Developed data transformations using Spark and Delta Lake, implementing data cleaning, Common Data Model (CDM), and SCD Type 2 logic. Created fact and dimension tables to support analytics and reporting. Implemented CI/CD pipelines, audit logging, Key Vault integration, and performance optimizations to ensure secure and reliable data processing.

Python Devloper (internship) | Actowiz Solution LLP | Ahemdabad, Gujarat | July 2024 - Oct 2024

- Detail-oriented and motivated Computer Science graduate with a solid foundation in Python programming and web development technologies. With 3 months of hands-on experience using the Scrapy framework, I have successfully delivered projects scraping large volumes of data from major platforms like Nykaa, Flipkart, Amazon, and D-Mart.
- Provided support in bringing data from various sources into databases and optimizing SQL queries, developing **Azure Data Factory** pipelines for ETL tasks across diverse data sources and formats CSV, Json, Parquet, Excel and implementing Delta Lake for streamlined updates and deletions within the data lake, incorporating CI/CD pipelines on databricks notebook .
- Skilled in building efficient web scraping solutions using the **Scrapy framework**, along with libraries like BeautifulSoup and **Requests** for extracting data. Proficient in automating dynamic content scraping with **Selenium** and performing data manipulation with **Pyspark**.
- Utilizing **Pyspark** and **Spark SQL** for complex data transformations and using GitLab and GitHub for code collaboration and version control, ensuring efficient and organized project management and test-driven development.

Education

- BCA - Computer Science | MKBU, Bhavnagar- Gujarat Apr 2021 - Apr 2024 | **Grade** : A
- 12th Standard (Arts) | Shree A.K Saliya Vidhya Mandir - Gujarat | May - 2021 | **Percentage:** 63.83%
- 10th Standard | Shree A.K Saliya Vidhya Mandir - Gujarat | March - 2019 | **Percentage:** 60.45%

Certifications & Achievements

- Python (HackerRank) - Click here
- SQL Basic (HackerRank) - Click here
- SQL Intermediate (HackerRank) - Click here
- Linux Fundamentals (Udemy) - Click here

Personal Details
Full Name: Chauhan Nirav PankajKumar
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Date of Birth: 19th January 2004
Languages: English, Hindi & Gujarati