



PREET PATIDAR

B.Tech. - Computer Science & Engineering

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BRIEF SUMMARY

Aspiring Backend Engineer / Data Engineer skilled in real-time and batch pipelines with tools like Hadoop, Spark, Hive, Kafka, and AWS services. Passionate about building scalable systems for actionable insights.

KEY EXPERTISE

C++ SQL Hadoop Hive Confluent-Kafka Pyspark MongoDB Cassandra Aws python Data Warehousing ETL

EDUCATION

Medicaps University B.Tech. - Computer Science & Engineering CGPA: 8.59 / 10	2022 - 2026
Vivekananda vidya vihar, Indore 12 th MPBSE Percentage: 86 / 100	2022
Vivekananda vidya vihar, Indore 10 th MPBSE Percentage: 92.30 / 100	2020

INTERNSHIPS

ZehnTech Technologies IT / Computers - Software Junior Software Engineer Key Skills: ETL Data Warehousing Amazon Redshift <ul style="list-style-type: none">Migrated large-scale on-premises databases to AWS Redshift named Informatica.Managed Slowly Changing Dimensions (SCD) to track historical trends.Improved data transfer rate by optimizing ETL job configurations and parallel execution.Collaborated in a cross-functional team to ensure end-to-end migration success.	08 Jul, 2025 - Present
Medicaps university IT / Computers - Software Cloud Architect Key Skills: AWS Lambda AWS S3 AWS Redshift AWS GLUE <p>I completed hands-on training in AWS services like S3, Glue, Athena, and IAM, focusing on managing and processing data in the cloud. As part of the training, I designed and built sample ETL pipelines in AWS Glue to handle both structured and semi-structured data. I also worked on implementing Slowly Changing Dimensions (SCD) to ensure historical data remained accurate in a data warehouse setup.</p>	02 Jun, 2025 - 04 Jul, 2025

PROJECTS

Quality Movies data analysis (AWS) Mentor: Prof. Shubhrata kanungoo ma'am and Er. Shashank Mishra Team Size: 3 Key Skills: Python sql AWS S3 AWS Athena AWS SNS AWS Glue AWS Lambda Pyspark Project Link: https://github.com/preetpatidar09/Quality-Movies-Data-Analysis <p>The Quality Movies Data Analysis project focuses on analyzing a comprehensive dataset of movies to uncover insights related to movie quality, popularity, and trends over time. The project utilizes data analytics techniques and tools such as Python and AWS services like S3, Glue, and Athena for data storage, processing, and querying. Key attributes such as IMDb rating, genre, runtime, release year, and budget are examined to identify patterns that distinguish high-quality films from the rest. The outcome aids in understanding what makes a movie critically successful and how viewer preferences have evolved.</p>	15 Feb, 2025 - 16 Apr, 2025
Real time Data Processing Mentor: Er. Shashank Mishra and Er. Bhavesh Patidar Team Size: 1 Key Skills: Python SQL Pyspark Kafka Cassandra	11 Dec, 2024 - 08 Jan, 2025

Project Link: <https://github.com/preetpatidar09/Real-time-streaming>

CDC Pipeline – MySQL → Kafka → Spark → Cassandra

- Built a real-time data pipeline using CDC to stream changes from MySQL into Apache Kafka.
- Processed streaming data using Apache Spark Structured Streaming, enabling transformations and schema handling.
- Ingested processed data into cassandra with sub-minute end-to-end latency for real-time analytics.
- Implemented robust schema evolution support via Confluent Schema Registry and cassandra structured data capabilities.
- Enabled scalable, fault-tolerant CDC processing for business metrics and operational dashboards.

ACHIEVEMENTS

- 4 star C++ coder HackerRank , solved 250+ Questions on leetcode

SEMINARS / TRAININGS / WORKSHOPS

Fast track data engineering Bootcamp Institute Name: Grow Data Skills

01 Oct, 2023 - 04 Apr, 2024

Key Skills: Data Engineering

A full course about big data and data engineering

PERSONAL INTERESTS / HOBBIES

- learn new technologies

WEB LINKS / IMs

- WhatsApp - <https://wa.me/7828394599>
- Github - <https://github.com/preetpatidar09>
- Other - <https://leetcode.com/u/preetpatidar09/>

PERSONAL DETAILS

Gender: Male

Marital Status: Single

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