Bhargav Patel
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SUMMARY
Detail-oriented Data Engineer experienced in scalable warehousing, high-throughput pipelines, and real-time analytics that keep decision makers informed.

EDUCATION
Boston University â M.S. Applied Data Analytics (4.0) | Jan 2025
Navrachana University â B.S. Information Technology (4.0) | Aug 2023

SKILLS
Data Modeling (star/snowflake), Columnar Storage (Parquet/ORC)
ETL Engineering (Airflow, Spark, CDC), Query Optimization, Distributed Processing
Data Quality & Observability, Python, SQL, Java, Docker, Kubernetes, Terraform

CERTIFICATIONS
Microsoft Azure Data Scientist Associate â Dec 2024
Google Data Analytics Professional Certificate â Nov 2024

EXPERIENCE
Techgrains Technologies â Data Engineering Intern | Feb 2023 â Aug 2023
â¢ Built parallel, fault-tolerant Airflow + Spark pipelines lifting throughput 30%
â¢ Modeled normalized + denormalized schemas to balance integrity with fast analytics
â¢ Tuned SQL with materialized views and indexing to cut latency by up to 40%
â¢ Blended Kafka streaming with Spark batch CDC for near real-time dashboards
â¢ Deployed Looker/Grafana observability for freshness, quality, and SLA tracking

PROJECT HIGHLIGHTS
Real-Time E-Commerce Analytics Pipeline â Kafka, Airflow, Spark, Delta Lake
Urban Data Warehouse for Spatial Analytics â Spark, GIS layers, partitioning
Data Observability Platform â Kafka + Debezium, Airflow DAGs, Looker & Grafana