





Navketan Kumar Singh

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◦ Education ◦

Birla Institute of Technology

Computer Science and Engineering

7.4 GPA

BE

Aug 2017 - May 2021

◦ Skills ◦

Programming: Python

Big Data Technologies: Apache
Spark, Databricks

ETL/ELT & Workflow: Azure Data
Factory, Airflow (basic)

Cloud Platforms: Azure (Data
Factory, Datalake, Functions)

Databases: MySQL, SQL Server

Data Warehousing: Azure Datalake,
Snowflake (basic)

Visualization: Power BI, Matplotlib,
Seaborn, Pandas

ML & MLOps: Scikit-learn,
TensorFlow, Keras, MLflow (basic),
XGBoost

Tools: Git, Jupyter Notebook, Excel,
Databricks

◦ Certifications ◦

Microsoft DP-900: Azure Data
Fundamentals (Trained)

Microsoft DP-203: Azure Data
Engineering (Trained)

Machine Learning by Andrew Ng
(Coursera): Completed with 95%

Data Science by Analytics Vidhya:
Completed with 87%

Scaler DSML Program: Ongoing
hands-on course on real-world
datasets

ExpertsHub: Worked on a
collaborative predictive modeling
project

◦ Languages ◦

English

Hindi

Summary

Versatile Data Engineer and Data Science practitioner with 3+ years of experience in building scalable data pipelines, ML models, cloud-based analytics solutions and Erp. Proficient in Python, SQL, Spark, and Azure, with a strong focus on data-driven insights, real-time dashboards, and business optimization.

Experience

Societe Generale

Software Engineer

Bengaluru

Sept 2021 - Present

- Developed and maintained scalable ETL pipelines in Azure Data Factory and Databricks for structured data processing.
- Built monitoring dashboards in Databricks for production pipelines, reducing manual tracking and enhancing incident response time.
- Applied L0 and L1 data validations on pipeline ingestion to improve data quality checks.
- Conducted large-scale data cleansing and transformations, improving consistency and reliability of analytics datasets.
- Designed SQL queries for efficient reporting, reducing processing time by 95%.
- Automated reporting tasks and transformed manual workflows into reusable scripts, saving 20+ hours weekly.
- Enabled cross-functional teams with actionable reports and insights.
- Engineered data visualization dashboards, improving decision-making capabilities across departments.

Codejee

Backend Developer

Bengaluru

May 2021- Sept 2021

- Developed and maintained RESTful APIs using Flask and FastAPI.
- Implemented CRUD operations with SQLAlchemy and MySQL.
- Participated in backend logic development for internal tools.
- Wrote unit tests for critical modules and improved code coverage by 30%.
- Collaborated with frontend developers to ensure API compatibility.

Projects

- Logistics Insights:** Built dashboards to analyze delivery gaps, resulting in 15% faster turnaround times.
- ML Salary Predictor:** Trained a salary prediction model using real-world data; accuracy reached 70%+.
- Text Summarizer:** Developed NLP pipeline for summarizing documents; increased document processing speed by 40%.
- ML Web App:** Deployed a multi-algorithm web app with hyperparameter tuning for hypothesis validation.