Ritik Sharma

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SUMMARY

A passionate computer science engineering student who is a technology and Machine Learning enthusiast, always ready to enhance learning with utmost dedication.

EXPERIENCE

Intern – CDAC, Noida
Noida, India | 09/2022 - 02/2023
- Learned Big Data Technologies as an intern at CDAC Noida under NASSCOM.
- Technologies: Hadoop, ML algorithms, Python libraries like Scikit-learn, NumPy, etc.
- Certificate: https://fsp-assessment-certificates.s3-ap-southeast-1.amazonaws.com/RitikSharma-90627533.pdf

Intern – Kalpwaig Technologies Pvt Ltd
Muzaffarnagar (remote), India | 06/2021 - 08/2021
- Front-end development as an intern.
- Tools: Bootstrap, Tailwind, HTML, CSS, JavaScript, Figma, VS Code, and GitHub.

PROJECTS

Sentiment Stream: real-time review analysis for better customer experiences with NLP
- **Platform:** Python, ML, NLP, LSTM, Streamlit
- **Description:** Developed a machine learning project using natural language processing to analyze and interpret product reviews for an e-commerce website in real time using Streamlit. The project focused on enhancing customer experience by extracting valuable insights from reviews, identifying sentiment trends, and providing recommendations to improve products and services.
- **Project Repository:** https://github.com/ritik902/sentiment_analysis_e-commerce_NLP

Built an ETL pipeline using Kafka, Docker
- **Platform:** Python, Kafka, Docker, PySpark, ML
- **Description:** Developed an ETL pipeline using Kafka and Python within Docker containers, using PySpark to process large amountsof customer data in real time. The project focused on creating a data stream with Kafka and applying predictive analytics to it.
- **Project Repository:** https://github.com/ritik902/ETL_pipeline_kafka_docker.git

My Portfolio
- **Platform:** HTML, CSS, Tailwind
- **Description:** My personal portfolio.
- **Project Repository:** https://github.com/ritik902/My_Portfolio.git

Languages

- English, Hindi

SKILLS

- Python, Pandas, NumPy
- Machine Learning & Deep Learning
- Big Data, PySpark, Hadoop
- Linux, Ubuntu, C Language
- Database, SQL, MongoDB
- Object-Oriented Programming
- Cloud, Docker, Kafka
- Data Visualization, Tableau
- HTML, CSS, Bootstrap, Tailwind
- Communication, Problem Solving
- Team Player, Project Management

Education and Training

PG-DBDA (08/2024)
CDAC, Pune
Post Graduate in Big Data and Analytics (PG-DBDA) with strong expertise in machine learning, big data technologies.

Bachelor of Technology - Computer Science (2023)
Dr. A.P.J. Abdul Kalam Technical University, Uttar Pradesh
- Secured: 72.4%
- Volunteer Work

HSC - PCM (2018)
DS Public School, Muzaffarnagar
- Secured: 73.8%
- Scout Guide

Important Links

- **Portfolio:** https://majestic-pegasus-36c611.netlify.app/
- **LeetCode:** https://leetcode.com/u/ritik_004/
- **HackerRank:** https://www.hackerrank.com/profile/ritik004sharma