Ritik Sharma

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SUMMARY

Aspiring ML Engineer with a strong foundation in NLP, Deep Learning, and end-to-end project execution. Proficient in Python, ML algorithms, Docker, and Kafka, with hands-on experience in building real-time applications. Eager to tackle complex challenges using advanced technical skills.

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.
- **Project Repository:** https://github.com/ritik902/sentiment_analysis_e-commerce_NLP

Vision2Text: Automated Image Captioning using InceptionV3 and NLP
- **Platform:** Python, InceptionV3 (CNN), NLP, LSTM, Streamlit
- **Description:** Developed a real time image captioning system using InceptionV3 for feature extraction and LSTM for caption generation.
- **Project Repository:** https://github.com/ritik902/Image_Captioning_InceptionV3_CNN

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 amounts of customer data in real time.
- **Project Repository:** https://github.com/ritik902/ETL_pipeline_kafka_docker.git

My Portfolio
- **Platform:** HTML, CSS, Tailwind
- **Description:** My personal portfolio highlighting my skills, hobbies, and project experience. It covers key achievements, technical expertise, and contributions across diverse domains.
- **Project Repository:** https://github.com/ritik902/My_Portfolio.git

SKILLS

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

EDUCATION

PG-DBDA (08/2024)
CDAC, Pune
Post Graduate in Big Data and Analytics (PG-DBDA) with strong expertise in ML and BDA.
- Secured: 63.38%
- Practical Learning

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://myportfolio0027.netlify.app/
- **LeetCode:** https://leetcode.com/u/ritik_004/
- **HackerRank:** https://www.hackerrank.com/profile/ritik004sharma/