

Divyanshi Singh

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ACADEMIC DETAILS

B Tech (Civil Engineering)	2022-2026	MMUT, Gorakhpur	7.67/10.0
Class XII (CBSE)	2021	JNV, Basti	95.4%
Class X (CBSE)	2019	JNV, Basti	92.4%

INTERNSHIP/EXPERIENCE

AI/ML Intern

Edunet Foundation

18th June 2025-30th July 2025

- Worked on the **Employee Salary Prediction** project using the Adult dataset.
- Applied feature engineering, data preprocessing, and supervised learning algorithms.
- Implemented an **ensemble Voting Classifier model** achieving **87.6% accuracy**.

Data Science Intern

Cognifyz

6th April 2025 -8th May 2025

- Developed and implemented a Sales Forecasting model** using Machine Learning techniques (Time Series & Regression) to predict future sales trends with improved accuracy..
- Evaluated multiple models and optimized hyperparameters**, achieving higher forecast accuracy of 99% with **Random Forest**.

PROJECTS

WhatsApp chat Analyzer

June 2025- July 2025

- Tools:** Python | Streamlit | Matplotlib | wordcloud | Pandas | re.
- Built a Python-based tool to analyze exported WhatsApp chats for **message statistics, word frequency, and activity patterns**.
- Implemented **data preprocessing and visualization** using Pandas, Matplotlib, and Seaborn to extract insights.
- Extracted key insights such as most active users, daily/weekly activity trends, and peak chat hours.
- Generated **word clouds and frequency plots** to visualize commonly used words and emojis.

VOICE and TEXT to IMAGE generated AI :

May 2024- june2024

- Tools:** Streamlit | Sounddevice | Wavio | OPENAI | Requests | os.
- Developed an AI-powered Voice and Text to Image Generator using OpenAI's Whisper model for speech-to-text conversion and DALL·E for image generation.
- Integrated real-time voice input processing with sounddevice and wavio to capture and transcribe audio, enabling speech recognition.
- Built an interactive web-based UI using Streamlit, allowing users to input voice or text and generate images dynamically with OpenAI's API. Implemented API request handling with requests and automated file management with os, ensuring efficient data processing and storage..

SKILLS

Technical: Python, SQL, MongoDB, Generative AI, Machine Learning, NLP, RAG Systems(Basic), Fast API, Streamlit.

Curriculum: Data preprocessing and pipeline Building, Machine Learning and AI, Soft & Professional Skills,

Libraries, Tools: Numpy | Scikit Learn | Matplotlib | Seaborn | NLTK | Streamlit | Tensorflow | TF-IDF | Hugging Face Transformers

Interests: ML, DL, NLP, AGENTIC AI, Transfer Learning, RLHF, Understanding Architectures of Modern AI Models, AI powered Automation.

TECHNICAL COURSES

- Earned GOOGLE Advanced Data Analytics Professional Certificate.
- Artificial Intelligence Fundamentals by IBM Skills Field.
- Machine Learning and Deep Learning by elearning.
- Minor Degree Course in Data Science offered by MMUT, Gorakhpur

EXTRACURRICULAR

- Cultural Sub-Council (Fine Arts Club) Member– Actively contributed to enhancing teamwork, cooperation, and management by participating in various events.
- Participated in pillar painting, wall painting, drawing, and crafting events.
- Won a quiz competition organized by my school and secured 2nd position.