Utkarsh Tandon

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Education

Noida Institute of Engineering and Technology   **2021 - 2025**
B.Tech in CSE(Data Science)-GPA(8.13/10.0)   *Greater Noida, Uttar Pradesh*

- **Relevant Coursework:** Data Structures and Algorithms, Object Oriented Programming, Probability and Statistics, Database Management, Software Engineering, Data Analysis, Social Media Analytics, Artificial Intelligence, Natural Language Processing, Machine Learning , Computer Networks , Programming Skills , Operating System

Experience

Bharat Intern   **Aug 2023 – Sept 2023**
Data Science Intern   *Remote*

- Gained hands-on experience by working on real projects, enhancing teamwork, and delivering industry-standard web solutions.
- Utilized tools such as Python, Pandas, NumPy, Scikit-learn, and TensorFlow for project development.
- Conducted a Titanic classification project, employing machine learning algorithms to predict passenger survival rates.

IIIT Allahabad   **July 2022 – Aug 2022**
Web Development Intern   *Remote*

- Engineered a scalable fraud detection system achieving 95% precision and 93% recall, effectively identifying fraudulent activities.
- Developed a proactive approach to data acquisition by utilizing the Kaggle API to source comprehensive datasets.
- Utilized Python, TensorFlow, and Scikit-learn for data preprocessing, feature engineering, and implementing machine learning algorithms on large datasets.

Projects

Movie Recommender System | *Python,Machine Learning, Streamlit, NLTK, Pandas, Numpy*   **(link)**

- Developed a movie recommendation system using Python, Pandas, NumPy, Pickle, AST, NLTK, and Streamlit to suggest movies based on user interests.
- Implemented content-based filtering, utilized NLP for enhanced accuracy, and employed data cleaning and preprocessing techniques.
- Built a user-friendly web interface with Streamlit, providing real-time movie recommendations.

Recepies App | *Django, HTML, Bootstrap*   **(link)**

- Developed a web application using Django for managing recipes with features to add, delete, and update entries.
- Integrated user authentication (login, logout, register) and utilized various Django libraries for project setup.
- Gained expertise in Django models and functions, ensuring efficient data handling and application performance.

Responsive Portfolio Website | *HTML, CSS, Javascript*   **(link)**

- Developed a responsive portfolio website using HTML, CSS, and JavaScript to showcase personal projects and skills.
- Utilized CSS for styling and JavaScript for interactivity to create a dynamic and visually appealing website. .
- Ensured cross-browser compatibility and optimized performance for different screen sizes.

Technical Skills

Languages: Python, Java, HTML/CSS, JavaScript
Database: MongoDB, MySQL, sqlite3
Developer Tools: VS Code, Git, Github, Google Colab, Jupyter notebook, PyCharm, PowerBI, Tableau
Technologies: Django, WordPress, TensorFlow, Bootstrap

Achievement

SEGUE 2.0 - Global Design Thinking Challenge

- Awarded runner-up in the Segue 2.0 Global Design Thinking Challenge for focusing on SDG-16 sustainable development goals.
- Highlighted exceptional team collaboration, meticulous planning, innovative approaches, and effective problem-solving skills, setting us apart from other teams.