Prachi Rani

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EDUCATION

KIET Group of Institutions   Ghaziabad, 201206
B.Tech in Computer Science with Specialization in AI, 80.1(up to 5th semester)   *2022-2026*

Khalsa Montessori Senior Secondary School   Bulandshahr, UttarPradesh
12th Grade - 81%   *2022*

Sunrise Public Senior Secondary School   Bulandshahr, UttarPradesh
10th Grade - 73%   *2020*

EXPERIENCE

Data Analytics Virtual Intern   July 2025
Deloitte Australia-Forage | Remote

- Successfully completed Deloitte's Data Analytics Job Simulation through Forage, gaining practical exposure to real-world consulting scenarios involving data analysis and forensic technology.
- *Utilized **Microsoft Excel** to organize, classify, and analyze large datasets, identifying inconsistencies and drawing meaningful business insights aligned with Deloitte's forensic standards.*
- Developed a comprehensive **Tableau dashboard** to visualize key trends, performance metrics, and anomalies, enabling clear and effective communication of findings to stakeholders.
- *Strengthened competencies in **data interpretation**, **visual storytelling**, and **evidence-based decision-making**, reflecting Deloitte's client-focused analytical approach.*

Python Development Intern   January 2024
TechnoHacks EduTech | Remote

- Worked on real-world projects involving **Python scripting** with a focus on **automation** and **data processing**, using libraries such as **Pandas**, **OS**, and **JSON/CSV**.
- Developed and optimized reusable scripts to automate repetitive tasks like file handling, data extraction, and transformation, enhancing efficiency and accuracy.
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PROJECTS

Team Builders | *HTML, CSS, JS, MongoDB, Machine Learning, NLP*
- Participants in hackathons often struggle to find suitable teams due to limited interaction or unclear opportunities, leading to missed chances to showcase their skills and contribute effectively.
- Proficient in **Machine Learning**, developing predictive models and recommendation systems to solve real-world problems.

Myntra Review Scrapper | *Python, BeautifulSoup, Pandas, NLP, Matplotlib,MongoDB | GitHub*
- Built a **custom review scraper** for Myntra product pages using **BeautifulSoup**, enabling automated extraction and structuring of user feedback for sentiment analysis.
- Cleaned and visualized over **1,000+ reviews** using **Pandas** and **Matplotlib**; performed sentiment classification with basic **NLP techniques**, supporting trend identification and customer insight generation.

SpamClassifier | *Python, Scikit-learn, TF-IDF, NLP, Streamlit | GitHub*
- Engineered an **SMS spam classification pipeline** using **TF-IDF vectorization** and **Multinomial Naive Bayes**, achieving **90% accuracy** on real-world SMS datasets after text preprocessing.
- Deployed the model via a **Streamlit web app** supporting **real-time user interaction** for spam/ham prediction; integrated preprocessing steps like stopword removal, lowercasing, and tokenization.

TECHNICAL SKILLS

Languages: Python, C/C++, SQL.
Developer Tools: Git,Github, Jupyter Notebook, VS Code, PyCharm, Google Colab.
NLP Tools: TF-IDF, NLTK, spaCy.
Libraries and Tools: NumPy, Matplotlib, Seaborn,Scikit-learn, BeautifulSoup, Streamlit.
Coursework: Machine Learning, DBMS, Data Structures and Algorithms.

ACHIEVEMENTS

INNOTECH'23: *InnoTech 2023 (Department Level):* Secured 1st position for designing a technical poster demonstrating problem-solving and technical proficiency.
HackerRank: *Earned a 2-star rating, reflecting consistent performance in coding challenges.*
Coding Ninjas (Naukri Code360): Ranked 1st on the weekly leaderboard in the Master League.