

Shubham Kumar Singh

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Highly motivated B.Tech student majoring in Computer Science Engineering, specializing in Artificial Intelligence and Machine Learning. Enthusiastic about collaborative and multicultural teamwork, known for diligent work ethic and creative problem-solving. Eager to constantly research and learn new fundamental ideas while producing excellent results.

PROJECTS

Sentiment Analysis on IMDB Dataset

- Sentiment analysis, or opinion mining, is an NLP technique that discerns the emotional tone in text. I have utilized diverse machine learning and NLP (NLTK & Spacy) libraries with various preprocessing techniques to build models capable of detecting positive or negative sentiment in text.
- **Tools:** Python, Google Colab, NLP Libraries, ML Libraries.

Parkinsons Disease Detection

- Parkinson's disease is a brain disorder causing involuntary movements and balance issues. I've employed various ML algorithms to analyze voice patterns and predict the presence of Parkinson's disease in patients.
- **Tools:** Python, Google Colab, VS Code, ML Libraries, Streamlit.

Movie Recommendation System

- Movie recommendation system predicts preferred items based on user or similar people. I utilized Python, scikit-learn, and web frameworks like Streamlit or Flask, employing similarity scores to compare user input with other movies.
- **Tools:** Python, Google Colab, VS Code, ML Libraries, Streamlit, Flask.

INTERNSHIP

Cisco Certified Network Associate (CCNA)

- Gained hands-on experience setting up, maintaining, and managing a medium-sized routed and switched computer network.

Data Science and Machine Learning

- Completed online Data Science and Machine Learning internship, attended diverse webinars to grasp various field's work, and developed a practical ML project, gaining valuable domain knowledge.

Core Java

- Received an online Core Java internship, explored a variety of topics in webinars, created a Java project with AWT and Swing, and developed practical knowledge of Core Java and JDBC.

SKILLS

Languages: C, C++, Java, Python, JavaScript (React.js), HTML/CSS, SQL (PostgreSQL, MySQL)

Tools: Canva, Figma, Photoshop, Miro, Microsoft Office and GitHub.

Soft Skills: Leadership, Teamwork, Creativity, Time Management, Critical Thinking, Communication, and Multi-tasker.

EDUCATION

The NorthCap University

Bachelor of Technology in Computer Science & Engineering

Oct. 2020 – Aug. 2024

Gurugram, Haryana, India

Gyan Deep Sr. Sec. School

Class XII, Central Board of Secondary Education (CBSE)

Apr. 2019 – Mar. 2020

Gurugram, Haryana, India

Gyan Deep Sr. Sec. School

Class X, Central Board of Secondary Education (CBSE)

Apr. 2017 – Mar. 2018

Gurugram, Haryana, India

EXTRACURRICULAR ACTIVITIES

Worked with recognized NGO "VAN GUJJAR TRIBAL YUVA SANGATHAN" focused on forest settlement and migrant support, emphasizing environmental preservation. Handled responsibilities of social media management, content writing, and translation.

CERTIFICATIONS

- **Problem-Solving through Programming in C** by IIT (Indian Institute of Technology), Kharagpur NPTEL
- **Programming for Everybody** by University of Michigan - Coursera