

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. Eager to constantly research and learn new fundamental ideas while producing excellent results.

Research & Publication

- Sentiment Analysis on IMDB Dataset** | *Machine Learning & Neural Network* Feb. 2023 – Aug. 2023
- Sentiment analysis is an NLP method for identifying the text's emotional tone.
 - Applied NLP techniques with ML libraries like NLTK and Spacy, using diverse preprocessing methods to develop sentiment analysis models for discerning emotional tones in text.

Experience

- Haryana Space Applications Centre (HARSAC)** Feb. 2024 – Present
Artificial Intelligence and Machine Learning
Gurugram, Haryana
- Acquired practical knowledge in Geographic Information System (GIS) and Remote Sensing (RS).
- UniConverge Technologies Pvt. Ltd.** July 2023 – Sept. 2023
Data Science and Machine Learning Intern
Noida, Uttar Pradesh
- Successfully developed a practical machine learning application with expertise in predicting mining quality, identifying turbfan engine failures, and improving image quality.
- UpSkill Campus** June. 2023 – Aug. 2023
JDBC and Core Java Engineering Intern
- Developed an efficient management application for business operations by optimizing MySQL database queries and gaining real experience with Core Java and JDBC.

Projects

- Movie Recommendation System** | *Python, Flask, Machine Learning, Jinja2, Firebase, Bootstrap*
- A movie recommendation system was created that uses similarity scores to forecast user-selected items.
 - The system allows for specific recommendations based on the user's preferred genres. [Link >>](#)
- Abstractive Text Summarizer** | *Python, Flask, Hugging Face, HTML, CSS*
- Designed a Text Summarizer that uses natural language techniques to interpret and understand the important aspects of a text and generate a more "human" friendly summary. [Link >>](#)
- Car Price Prediction System** | *Python, Flask, Machine Learning, HTML, CSS, JavaScript*
- Created a web application to predict the price of cars based on various features and characteristics.
 - The system utilizes machine learning techniques to make accurate predictions and provides users with an estimated price range for a given set of car attributes. [Link >>](#)

Education

- The NorthCap University** Gurugram, Haryana, India
Bachelor of Technology in Computer Science & Engineering | 8.58 CGPA
Oct. 2020 – Aug. 2024
- Gyan Deep Sr. Sec. School** Gurugram, Haryana, India
Class XII, Central Board of Secondary Education (CBSE) | 79.6 Percentage
Apr. 2019 – Mar. 2020
- Gyan Deep Sr. Sec. School** Gurugram, Haryana, India
Class X, Central Board of Secondary Education (CBSE) | 76.4 Percentage
Apr. 2017 – Mar. 2018

Technical Skills

- Languages:** Java, Python, C/C++, JavaScript, HTML, CSS, and SQL (PostgreSQL, MySQL).
- Technologies:** Flask, AWT, Swing, Pandas, Matplotlib, Seaborn, Scikit-learn, TensorFlow, PyTorch, tailwind CSS, Bootstrap, Canva, Figma, Photoshop, Miro, Microsoft Office and GitHub
- Concepts:** Object Oriented Programming (OOPs), Operating System, Database Management System, Artificial Intelligence, Machine Learning, Neural Networks, Agile Methodology, and Computer Network
- Soft Skills:** Leadership, Teamwork, Creativity, Time Management, Critical Thinking, Communication, and Multitasker