

# SATYAM SAHU

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| [Portfolio](#)

## PROFESSIONAL SUMMARY

Proficient in Java, Spring Boot, Python and AI technologies. Seeking to leverage my technical skills and knowledge in a challenging and dynamic environment.

## PROJECTS

### 1. BBC News Classification

( [GitHub Repository](#) )

- **Intention** : Accurately classify news articles into multiple categories using various models .
- **Technologies Used** : BBC News Dataset, NLP, Label Encoding, Random Forest, Logistic Regression, KNN, SVM, Neural Networks, Grid Search, PyCaret Library .
- **Description** :
  - Explored several techniques to determine which model yields the best results.
  - Utilized Python libraries to implement and tune models using grid search.
  - Achieved a top accuracy of 98.42% with the SVM model.

### 2. Movie Watchlist

( [Live Demo](#) )

- **Intention** : To create a personalized movie watchlist application for tracking and managing movies.
- **Technologies Used** : Java, Spring Boot, Thymeleaf Engine, SQL, Spring Web, OMDB API, REST.
- **Description** :
  - Designed and implemented a Spring Boot application that uses Thymeleaf for dynamic web page rendering and H2 Database for efficient data management.
  - Application supports CRUD operations Integration of the OMDB API provides accurate movie ratings, enhancing the user experience and reliability.

### 3. Horse Survival Prediction

( [Kaggle Link](#) )

- **Intention** : Our task was to predict a Horse Survival possibilities based on some medical conditions.
- **Technologies Used** : Numpy, Pandas, Sklearn, XGBoost, CatBoost, LGBM, Logistic Regression, Random Forest, K-fold.
- **Description** :
  - It was our first-semester group project under the guidance of Prof. Bharti and was also part of a live Kaggle competition in which we participate.
  - For unseen data in the competition, our solution achieved an F1-score of 0.74696, while the best score was 0.82. Our LGBM model performed the best



## EDUCATION

- **M.Sc. Computer Science**  
Department of Computer Science,  
University of Delhi – **(7.61 CGPA)**  
September 2023 - 2025
- **B.Sc. (Hons.) Computer Science**  
Bundelkhand University,  
Jhansi – **(7.52 CGPA)**  
August 2020 - September 2023

## SKILLS

- Java, SpringBoot
- Python
- Data Structure
- Machine Learning
- JavaScript
- HTML, CSS

## CODING PROFILES

-  [LeetCode](#) - 300+ Problem Solved
-  [GitHub](#) - 15+ contributions made this year

## ACHIEVEMENTS

- *LeetCode – Weekly Contest 398* - All time highest of 5205 Global rank out of 31402 participants.
- Certificate in [Java with DSA](#)
- Certificate in [Responsive Web Design](#)

## HOBBIES

- Coding
- Exploring Technologies
- Reading
- Watching and Gaming