

Shashank Singh



Shashank.portfolio



Shashank306



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PROJECTS

PERSONAL PORTFOLIO WEBISTE | HTML, CSS, JAVASCRIPT

- 2023 → Created a Personal Portfolio Website project to showcases my skills, experiences, and accomplishments, while also incorporating user-friendly features such as dark mode and light mode for an enhanced browsing experience.
- Code for this project: Personal Portfolio Website

PARKINSON DISEASE PREDICTION | PYTHON, MACHINE LEARNING

2023, May

- Teaming up with a colleague, I spearheaded a groundbreaking project predicting Parkinson's disease. We utilized five highly accurate models: Support Vector Machine (SVM), Logistic Regression, XGBoost Classifier, Random Forest, and Naive Bayes.
- Our evaluation encompassed three train-test splits (75-25, 80-20, and 85-15) and three random state values (0, 10, 47).
- Notably, the XGBoost Classifier excelled with 100% accuracy in the 80-20 and 85-15 splits, employing a random state value of 10.
- Code for this project: Parkinson Disease Prediction

US AIRLINE TWEET SENTIMENT ANALYSIS | PYTHON, MACHINE LEARNING

2023, April

- My teammates and I worked on a Natural Language Processing project. We used three different models to compare the accuracy: Support Vector Machine (SVM), Random Forest, and XGboost Classifier, and we achieved the highest accuracy of 95%.
- Code for this project: US Airline Tweet Sentiment Analysis

ORGANIZATIONS

ACM STUDENT CHAPTER JUIT VICE CHAIRPERSON

August 2023 – Present

- Data Science and ML/AI Team Lead, Competitive Programming Team Member
- Skills: Machine Learning, Python (Programming Language), C++, Web Development

ACHIEVEMENTS

- Attended a coding contest in college and won 2nd prize.
- I won third place in the SIAM JUIT Hackathon at my college.

EDUCATION

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

BACHELOR'S IN COMPUTER SCIENCE ENGINEERING

October 2021 - Present | Solan, HP

CGPA: 8.28 / 10.0

ASSISI CONVENT SCHOOL

SENIOR SECONDARY SCHOOL (CLASS 12TH)

2020 | Noida, UP

Grade: 86.8%

TECHNICAL SKILLS

PROGRAMMING

Proficient:

- C++ • C • JavaScript
- Python • SQL • CSS • HTML
- PHP

Experienced:

- Python • C++

LIBRARIES/Frameworks

- Numpy
- Pandas • Matplotlib
- Scikit-Learn • Tensorflow

TOOLS/PLATFORMS

- Git • Github

SOFT SKILLS

- Communication
- Teamwork
- Leadership

PROFILE LINKS

- CodeChef
- HackerRank
- LeetCode
- CodeForces

COURSEWORK

UNDERGRADUATE

- Data Structures
- Design And Analysis of Algorithms
- Database Management Systems
- Object Oriented Programming and Systems
- Operating Systems