ANKITA SHRIVASTAV

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SUMMARY

Dedicated B.Tech student specializing in Computer Science and Engineering. Equipped with strong technical skills,problem-solving abilities, and a passion for innovation. Seeking opportunities to leverage academic knowledge and practical experience to contribute to impactful projects and further develop my expertise in the field.

EDUCATION

Course: B.Tech in CSE, 8.57 CGPA   2021-2025(Current)

Asansol Engineering College,Asansol

Intermediate ,88%   2019-2021

Asansol North Point school,Asansol

PROJECTS

- **Title :** Leveraging Feature Selection and Hybrid Approaches for Advanced Brain Cancer Classification with Gene Expression Microarray Data.

  Tech Stack: Python, TensorFlow, Scikit-learn, Matplotlib .
  - Designed a machine learning pipeline to classify brain cancer types using high-dimensional gene microarray data.
  - Applied feature selection with Random Forest to reduce features from 54,675 to the top 500, optimizing model performance.
  - Developed a hybrid model combining a generative adversarial network (GAN) and a classification model, achieving an accuracy of 96.15% and a log loss of 0.1695.
  - Integrated advanced data preprocessing techniques, including quantile normalization, imputation, and scaling.
  - Visualized model performance with ROC curves and metrics to validate robustness and interpretability

- **Music App :** https://ankitashrivastav12.github.io/music_interface/

  Tech Stack : HTML, CSS, and JavaScript.
  - A web-based music player featuring playback controls, track progress visualization, volume adjustment, and dynamic background effects.
  - Designed with a responsive and user-friendly interface.
  - Hosted on GitHub Pages for live demo access.

- **Personal Portfolio Website :** https://ankitashrivastav12.github.io/portfolio/

  Tech stack : HTML, CSS, JavaScript
  - Developed a responsive and visually appealing personal portfolio website to showcase projects, skills, and achievements.
  - Implemented interactive UI elements using JavaScript and ensured a seamless user experience with CSS animations and media queries.
  - Designed an intuitive navigation structure to enhance accessibility and engagement. The portfolio effectively highlights professional work and provides a structured overview of expertise.
  - Hosted on GitHub Pages for live demo access.

SKILLS

- JAVA , Python.
- HTML5,CSS12,Javascript.
- Core subjects: OOP,DBMS,DSA,Operating System,Computer Networks.
- SQL.
- Machine Learning.

CERTIFICATIONS & ACHIEVEMENTS

- Course On Machine Learning in Healthcare and Agriculture by IIIT Bhagalpur.
  Duration: May 2024 – May 2024

- Introduction to SQL by Simplilearn.
  Duration: October 2023 - October 2023

- Python basic by coursera.
  Duration: August 2022 – September 2022