

Rishika Shrimal

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EDUCATION

Banasthali University, Jaipur

July 2021 - May 2025

B.Tech Computer Science

CGPA: 8.2/10

Banasthali University, Jaipur

July 2020 - May 2021

12th PCM

89%

COURSEWORK

Courses: Object-Oriented Programming, Data Structures & Algorithms, Database Management System, Operating System, Data Communication Networks, AI&ML, Probability & Statistics.

EXPERIENCE

Bharat Intern

Feb 2024 - March 2024

Data Science Intern

- Developed an SMS Classifier for Spam Detection as part of the internship program.
- Achieved an **accuracy of around 98%** in the prediction of the test dataset, exceeding project goals.
- Designed Titanic classification system to predict passenger survival through feature engineering and algorithm selection.

PROJECTS

Abstractive Multi-Document Summarization | [Code link](#) | Python, NLTK & Tensorflow

April 2024

- Implemented state-of-the-art LLM models (Llama 2, Pegasus, T5) for multi-doc summarization across varied datasets (CNN/DailyMail, Samsum, medical).
- Fine-tuned models on custom datasets and deployed models on Hugging Face .
- Built an user-friendly frontend with HTML5, CSS3, JavaScript, and backend with Flask for deployment.

Breast Cancer Prediction | [Code link](#) | Pandas, Python, Scikit-learn

Jan 2024

- Conducted exploratory data analysis using Python libraries (Pandas, Matplotlib) to gain insights into breast tumor dataset structure and relationships between variables.
- Applied data preprocessing techniques to enhance predictive modelling accuracy.
- Applied Random Forest Classifier predictive model **achieving 96% accuracy** in classifying breast tumors as benign or malignant, with evaluation using confusion matrices.

Hotel Management System | [Code link](#) | C++, OOP, VS Code

March 2023

- Created a comprehensive hotel management system in C++ to streamline operations, enhance efficiency, and improve customer service.
- Room booking and Guest check-in/check-out functionalities with guest summary report, easy room status tracking (occupied, vacant).
- User-friendly command-line interface for easy navigation.

KEY EXPERTISE

Languages: Python, C, C++, Java

Tools: Git, GitHub, Unix Shell, VS Code, NetBeans , Google Colab

Web Development: HTML, CSS

Data Analysis Skills: MySQL, Data Visualization(PowerBI), Data Mining

Libraries: Pandas, NumPy, Matplotlib, NLTK, Scikit-learn, Tensorflow

CERTIFICATION

- WE-HACK 2023 **Certification**
- Machine Learning with MATLAB **Certification**