

PRIYANSHI GUSAIN

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Education

Graphic Era Hill University

Bachelor of Technology in Computer Science and Engineering |

August 2022 - Current

Dehradun, Uttarakhand

Hayde Heritage Academy

Intermediate

July 2022

Kotdwar, Uttarakhand

St Joseph's convent School

Matriculate

July 2020

Kotdwar, Uttarakhand

Projects

Credit Card Fraud Detection System | *Python, Scikit-learn, Streamlit*

January 2025

- Built a ML system with Random Forest, achieving 98% accuracy and 96% F1 score in fraud detection.
- Applied data balancing techniques (under-sampling, SMOTE), boosting fraud recall to 94% and precision to 97%.
- Developed a Streamlit web app for real-time predictions, enhancing detection speed by 85%.

E-Commerce Product Showcase | *HTML, CSS, JavaScript*

October 2024

- Built a dynamic product slider with smooth transitions and real-time product selection using JavaScript.
- Implemented interactive features like color and size selection, enhancing user experience.
- Designed a responsive and visually appealing UI with a seamless checkout process.

University Website & Chatbot | *HTML, CSS, JavaScript*

November 2024

- Developed a responsive university website with sections for events, notices, achievements, and campus info.
- Implemented dynamic content with scrolling marquees for campus news, events, and placement updates.
- Designed an intuitive navigation system and integrated a chatbot for enhanced user interaction.

Skills

Programming Languages: C/C++, HTML/CSS, JavaScript, Machine Learning, Python, Java.

Technical Skills: Web Development, Frontend Design, Responsive Design, REST APIs, UI/UX, Supervised Learning, Data Preprocessing, Model Evaluation, Version Control (Git, GitHub, GitLab), Deployment & Hosting.

Software Development Tools: Visual Studio Code (VS Code), Git, GitHub

Frameworks and Libraries: TensorFlow, Scikit-learn, OpenCV

Coursework

- Data Structures and Algorithms
- Machine Learning
- Operating System
- Object Oriented Programming

Achievements & Leadership

- Core Member, GEHU ACM – Led and organized hackathons, workshops, and technical events, improving student participation.
- Discipline Committee Head – Supervised and managed event logistics, ensuring a smooth Fresher's Event experience.