

Himanshu Raturi

Mobile No.: +91-7906819386

Email-id : raturihimanshu077@gmail.com

LinkedIn : <https://www.linkedin.com/in/himanshu-raturi-99ab0728b/>

GitHub: <https://github.com/Himanshu0508Raturi>

ACADEMIC DETAILS

Year	Degree/Exam	Institute	GPA/Marks
2027(Undergoing)	B. Tech(CSE)	Graphic Era Hill University, Dehradun	9.22/10
2023	12 th , C.B.S.E.	Foot Hills Academy	88.00%
2021	10 th , C.B.S.E.	Foot Hills Academy	87.00%

PROJECTS

1. Deepfake Image Detection (feb,2025-may,2025) :- Developed a deep learning-based web application to detect deepfake images using the **ResNet50** architecture for image classification. Built the backend using **FastAPI** to serve the prediction model and the frontend with **HTML, CSS, and JavaScript** for a user-friendly interface. Deployed the full-stack application on **Hugging Face Spaces** and **GitHub Pages**, ensuring public accessibility and interactive usage.

2.Plant Disease Detection System using CNN (Sept,2024- oct,2024):- Developed a deep learning-based plant disease detection system using **CNN** to classify plant leaf diseases with high accuracy.**Containerized the application using Docker** for scalable and consistent deployment across environments.

3. Iris Species Classification Using Naive Bayes Algorithm(Dec,2024 – Jan,2025): Developed a predictive model using the **Naive Bayes algorithm** to classify the Iris dataset into three distinct species (setosa, versicolor, and virginica) based on sepal and petal dimensions. Implemented the model with a **FastAPI** backend and tested it using **Postman** for API-based interaction and live classification.

4. Heart Disease Detection System(feb,2025): Built a machine learning model having great accuracy for predicting cardiac disease using Random Forest, Decision Tree, and Naïve Bayes.Integrated the model with **AWS (EC2)** for cloud-based deployment and real-time predictions.

TECHNICAL SKILLS

Operating System: Windows, Linux.

Skills: C/C++, python, Java, Data structure , Cloud Computing , Machine Learning , Deep learning , FastAPI , SpringBoot(Basic).

Software: Microsoft Office, GitHub, Weka, Visual Studio Code ,Docker , AWS , Docker hub ,MongoDB, IntelliJ IDEA , Postman.

CERTIFICATIONS

1.National Service Scheme ‘B’ certificate - NSS B Certificate acquired through commitment to community service, teamwork, and leadership.

2. Postman API Fundamentals Student Expert - Gained foundational knowledge of APIs, HTTP methods (GET, POST, PUT, DELETE) understood status codes, headers, and JSON payloads.

3. MongoDB Developer Toolkit Certificate- Gained hands-on experience in MongoDB CRUD operations, schema design, indexing, and aggregation pipelines. Demonstrated proficiency in integrating MongoDB with popular programming languages and frameworks.

4. AWS Certified Cloud Practitioner – Fundamental understanding of AWS cloud services, architecture, security, pricing, and deployment models is validated by the AWS Certified Cloud Practitioner certification.

SCHOLASTIC ACTIVITIES

- coding, quiz ,Hackathons and extempore competitions (Graphic era hill university).
- Member of National Service Scheme (Graphic era hill university).