Harsh

Greater Noida, Uttar Pradesh (201310)

✆ +91 8053909266   ✉harshrana3519@gmail.com   ∞linkedin.com/in/harsh-r-337a0226b

Education

Noida Institute of Engineering and Technology   **Aug 2022 – Present**
Bachelor of Technology in Artificial Intelligence & Machine Learning *(CGPA: 8.13)*   Greater Noida, Uttar Pradesh

Relevant Coursework

- Data Structures
- OOP
- Machine Learning
- Database Management
- Artificial Intelligence
- Computer Architecture
- Deep Learning

Experience

CodSoft   **Aug 2023 – Oct 2023**
Web Development Intern   (Virtual Internship)
- Developed dynamic and responsive websites using HTML, CSS, JavaScript, and modern frameworks.
- Collaborated with team members using version control systems such as Git to organize modifications and assign tasks.
- Integrated real-world projects with backend services and managed data storage using Firebase.

Cognifyz Technologies   **Jul 2024 – Aug 2024**
Machine Learning Intern   (Virtual Internship)
- Developed machine learning models for real-world projects, including data preprocessing and model training.
- Gained hands-on experience with Python and ML algorithms to improve model accuracy and performance.
- Collaborated with mentors to refine AI-based solutions, strengthening problem-solving and analytical skills.

Projects

College Prediction System / HTML, CSS, JavaScript, PHP, MySQL, XAMPP   **August 2024**

- Developed a web-based system to predict suitable colleges based on user academic performance and preferences.
- Designed a **login page** with authentication to allow students to access personalized predictions
- Implemented **PHP and MySQL** to handle backend operations and store student data securely
- Used **JavaScript** to enhance UI responsiveness and improve user interaction on the platform and deployed the project on an Apache server using XAMPP for local testing and seamless execution

Volume Modulation Using Hand Gesture | Python , OpenCV, Mediapipe   **January 2025**
- Implemented hand-tracking technology to adjust system volume based on finger distance.
- Utilized OpenCV and Mediapipe for gesture recognition and real-time process.
- Developed an intuitive user experience by ensuring smooth and accurate volume adjustments.

Technical Skills

Languages: Python , HTML , CSS , JavaScript, SQL, java
Developer Tools: VS Code, Google colab, Xampp, Jupyter Notebook
Technologies/Frameworks: TensorFlow, Keras, OpenCV, GitHub, MySQL, Git

Certifications

- **Machine Learning Foundations: A Case Study Approach (**University of Washington)   (Apr. 2024)
- **AWS APAC - Solutions Architecture Job Simulation (**Forage)   (Dec. 2024)
- **Getting Started with AI using IBM Watson(IBM)**   (Aug. 2024)
- **Python for Data Science, AI & Development (**IBM)   (May. 2023)
- **Programming using Java (Infosys)**   (Dec. 2023)