KEERTI GUPTA

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Education

Indian Institute Of Information Technology,Jabalpur   **August 2024 – August 2028**
Bachelor of Technology in Smart Manufacturing(IT)   *Madhya Pradesh,India*

Nehru World School   **June 2022 – April 2024**
CBSE: Grade - **93.8%**   *Uttar Pradesh, India*

Narayana E-Techno School   **April 2019 – May 2022**
CBSE : Grade - **96.9%**   *Uttar Pradesh,India*

Revelant Coursework

- ∗ Engineering Mathematics
- ∗ Engineering Mechanics
- ∗ Data Structures
- ∗ Solid Works
- ∗ Database Management
- ∗ Introduction to Programming in Python
- ∗ Data Structures and Algorithms in Python
- ∗ Competetive Programming

Projects

OOTD - Outfit Generator | *HTML,CSS,Javascript*   **January 2026**

- **1**.Developed a multi-page outfit recommendation system that processes $N \times M \times K$ wardrobe combinations across 3 clothing categories and dynamically generates ranked outfit suggestions based on defined matching rules.
- **2**. Designed and implemented a rule-based scoring algorithm to evaluate 100+ combinations using color contrast and compatibility logic, reducing manual outfit selection and improving ranking consistency.
- **3**. Built a client-side architecture using JavaScript, DOM APIs, and localStorage to manage application state across multiple views, enabling real-time UI updates without backend dependencies.er-side processing.
- **4**.GitHub Repository

Currency-Converter | *HTML,Javascript,CSS*   **January 2025**

- **1**. Created a currency conversion system where users can input an amount (minimum 1 unit) and select from 1+ currencies (e.g., USD, INR), with real-time conversion based on up-to-date exchange rates.
- **2**. Engineered a user interface with a dropdown menu to select from 1+ currencies, displaying real-time converted amounts for inputs between 1 and 10,000 units.
- **3**.Implemented a real-time currency converter that fetches updated exchange rates every 60 seconds to ensure accurate conversions.
- **4**.Structured code with JavaScript for data fetching and calculations, HTML for layout (3 main sections), and CSS for design, ensuring readability and a user-friendly interface.
- **5**.GitHub Repository

Technical Skills

Python, C, Rust, JavaScript, SQL, HTML/CSS

Developer Tools: Git, GitHub, VS Code, PyCharm, Postman, Linux (Fedora), Windows

Frameworks/Libraries: Node.js, Tailwind CSS, MySQL, NumPy, Pandas, Matplotlib

Soft Skills: Troubleshooting, Adaptability, Technical Communication, Event Facilitation, Time Management, Analytical Thinking

Achievements / Extracurricular Activities

1. Secured a **3rd place** in Robowrestling, a competitive robotics event held in April 2025, with **100+ participants** organised by the prestigious Electronics and Robotics Society during **ABHIKALPAN 2025 - Tech fest of IIIT Jabalpur.**

2. Attained an **All India Rank of 49,223** in JEE Mains 2024, a notable achievement among **2,512,443 candidates**, highlighting aptitude in science and mathematics while navigating an intensely competitive academic landscape.

3. 2 times Gold Medalist   in the SOF International English Olympiad (**IEO**) , **Gold Medalist** in the International General Knowledge Olympiad(**IGKO**) , **2 times Silver Medalist** in the International Mathematics (**IMO**)

4. Solved **200+ coding problems on Leetcode, Codeforces and CodeChef**, strengthening logical reasoning and proficiency in data structures and algorithms (DSA). Achieved a highest rating of **1435 on CodeChef** and **803 on Codeforces**, showcasing strong algorithmic problem-solving skills, coding efficiency, and competitive programming expertise.**Leetcode**, **CodeChef** and **Codeforces**