Deepak Varanasi

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EDUCATION

Institute Of Aeronautical Engineering   Hyderabad, India
    B.Tech in Information Technology(IT)   **Expected June 2026**
    Cumulative GPA: 8.75/10;
Narayana Junior College   Hyderabad, India
    Intermediate   2020 - 2022
    Percentage: 95.2%
Narayana E-Techno School   Hyderabad, India
    Secondary Education (10th Grade)   2019 - 2020
    Cumulative GPA: 10.0/10.0

TECHNICAL SKILLS

Languages: Java, Python, HTML, CSS, JavaScript, SQL
Frameworks and Tools: ReactJS
Version Control: Git, GitHub
Databases: MySQL

CODING PROFILES

CodeChef: Spearheaded as a 3-star coder, achieved a 1706 rating
LeetCode: Achieved 1709 rating, completed 200+ problems
CodingNinjas: Attained 1500 rating, solved 160+ problems
HackerRank: Achieved 5-star rating in Python,Java,SQL

EXPERIENCE

Summer Research Intern: Certificate   May 2024 - June 2024
- Developed and optimized a real-time virtual mouse interface using hand gestures, integrating Python, OpenCV, Mediapipe, and PyAutoGUI for precise gesture-based cursor control.
- Engineered and refined hand-tracking models to enhance gesture recognition accuracy and responsiveness, minimizing latency for smooth user experience.

PROJECTS

News Mania: Sept 2024
- Utilized HTML, CSS, and Python for building a responsive user interface that allows users to select news sources.
- Integrated a templating system to dynamically fetch and display headlines from selected sources(e.g., BBC and CNN).
- Designed interactive, visually distinct sections for each news source, with animations, hover effects, and responsive layouts for various screen sizes.

Weather Forecast: Nov 2023
- Utilized HTML, CSS, JavaScript, jQuery, Bootstrap, and Font Awesome for building the user interface and responsiveness.
- Integrated OpenWeather API to fetch weather data including temperature, humidity, wind speed.
- Implemented local storage for search history, making it easy to revisit previously searched cities.

CERTIFICATES

HackerRank: Problem Solving l Java l Python l SQL l JavaScript l React
FreeCodeCamp: Web Development
Infosys Springboard: HTML l CSS l JavaScript
The National Small Industries Corporation (NSIC): Data Science with Python

Awards & Achievements

Mete Project Expo: Awarded first prize at the Mete Project Expo hosted at IARE, showcasing innovative project excellence.
BTech Merit: Ranked as the top student in the B.Tech(IT) program for the second year.
Intern Completion Certificate: For completion of Project & Publication on Virtual Mouse using Hand Gestures
Hackathon Participation Certificate: For Participating in 12 hrs hackathon conducted by IARE college