

Deepak Varanasi

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EDUCATION

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

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
<ul style="list-style-type: none">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

Virtual Mouse Using Hand Gestures:	June 2024
<ul style="list-style-type: none">Developed a real-time virtual mouse interface using Python, OpenCV, Mediapipe, and PyAutoGUI for gesture-based cursor control.Optimized hand-tracking models for accurate gesture recognition and minimized latency, ensuring a smooth user experience.	
News Mania:	Sept 2024
<ul style="list-style-type: none">Built a responsive news platform using HTML, CSS, and Python, with dynamic headline fetching from sources like BBC and CNN.Designed interactive sections with animations, hover effects, and responsive layouts for various devices.	
Weather Forecast:	Nov 2023
<ul style="list-style-type: none">Developed a weather dashboard using HTML, CSS, JavaScript, jQuery, and Bootstrap, integrating the OpenWeather API for real-time weather data.Implemented local storage to save search history, enhancing user convenience.	

CERTIFICATES

HackerRank: Problem Solving | Java | Python | SQL | JavaScript | React
FreeCodeCamp: Web Development
Infosys Springboard: HTML | CSS | 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