

Harish Maske

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Education

Maulana Azad National Institute of Technology, Bhopal	Aug. 2023 – Aug. 2027
B-Tech in Mathematics and Data Science	CGPA: 8.79
Kailashpat Singhanian High School, Sausar	2021 – 2022
CBSE (Class XII)	93%
Ram Shanti Vidhya Mandir, Pandhurna	2019 – 2020
CBSE (Class X)	92.2%

Experience

Agnirva Space Internship Program	Dec. 2024 – Jan. 2025
Intern	Remote
<ul style="list-style-type: none">Worked on space technology projects under an AICTE-recognized internship, applying theoretical knowledge to real-world aerospace challenges.Gained hands-on experience in data analysis and modeling to improve accuracy and efficiency in aerospace applications.Collaborated with a multidisciplinary team to design and develop innovative solutions addressing challenges in the space sector.Enhanced understanding of machine learning applications in space research, leveraging algorithms for predictive analytics and system optimization.	

Projects

Parkinson's Disease Prediction <i>Flask, Python, Machine Learning</i>
<ul style="list-style-type: none">Built a Flask web app for patients to input health details (tremors, speech impairment, muscle stiffness, etc.) and receive Parkinson's disease risk predictions.Applied Support Vector Machine and Random Forest Classifier for robust and accurate results.Created an intuitive interface for real-time assessment and report generation to track disease progression.Preprocessed data by handling missing values, normalizing features, and applying feature selection techniques to enhance model accuracy.
Portfolio Website <i>HTML, CSS, JavaScript</i>
<ul style="list-style-type: none">Designed and developed a responsive portfolio website using HTML, CSS, and JavaScript.Implemented modern UI/UX principles for an engaging and accessible design.Added interactive features using JavaScript to enhance user experience.Integrated Web3 Forms to securely handle form submissions and user queries.
Calculator Application <i>HTML, CSS, JavaScript</i>
<ul style="list-style-type: none">Developed a fully functional calculator using HTML, CSS, and JavaScript with an intuitive user interface.Implemented event-driven programming to handle user inputs and perform arithmetic operations efficiently.Enhanced UI with CSS styling and responsive design for seamless experience across devices.
Nim Game <i>C++</i>
<ul style="list-style-type: none">Developed a strategic Nim game using C++, allowing two players to compete with an intuitive command-line interface.Implemented logical move selection for two users, ensuring fair gameplay and applying core principles of game theory to enhance strategy.Integrated error handling and input validation to prevent invalid moves and ensure a smooth and engaging user experience.

Technical Skills

Languages: C/C++, JavaScript, Python, HTML/CSS, MySQL
Frameworks: React, Tailwind CSS, Flask
Libraries: NumPy, Pandas, Matplotlib
Course Work: OOPS, Data Structures and Algorithms, Operating System, Networking