AISHWARYA SINGH

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EDUCATION

B.Tech VIT Bhopal University — October 2022 - Present
Computer Science and Engineering , CGPA: 7.72

Class 12th- Scholars Abode School — April 2019 - April 2021
Central Board Of Secondary Education , Percentage: 92.4 %

Class 10th- Scholars Abode School — April 2009 - April 2019
Central Board Of Secondary Education , Percentage: 89.2%

EXPERIENCE

India Space Lab Winter Internship — Dec 2024 - Jan 2025

Completed a 30-day internship focused on advanced technologies in space education and research. Gained hands-on experience through modules on Advanced Drone Technology (Air Taxi), CanSat and CubeSat development, and an Astronomy Training Program. Participated in Space Entrepreneurship Sessions, enhancing knowledge of business aspects in the space sector. Engaged in project work involving technology and official tasks, furthering skills in satellite technology and innovation. This internship provided comprehensive exposure to cutting-edge advancements and practical applications in the aerospace industry.

SKILLS

Languages	C , C++, Java , Python
Problem Solving	Data Structures and Algorithms , Competitive Coding
Web Technologies	HTML , CSS
Databases	DBMS , MongoDB
Frameworks	React.js , Node.js , Express
CS Fundamentals	OOP , Operating system , Computer Network , System Design

PROJECTS

Prepify AI — GitHub

- Built a full-stack AI-powered interview preparation platform using the MERN stack, enabling role-specific question generation, expandable answers, and concept deep-dives through interactive UI components.
- Developed and tested RESTful APIs with Express.js and Postman; integrated MongoDB for user data management and progress tracking to enhance interview readiness.

Macchiato — GitHub

- Designed and developed a responsive, cross-device compatible Cafe website using HTML, CSS, SCSS, and JavaScript, featuring smooth scroll animations, section-based navigation, and an interactive UI.
- Implemented a dynamic light/dark theme toggle and integrated scroll-triggered animations to enhance user experience and engagement across mobile and desktop platforms.

ACHIEVEMENTS

- Health Hackathon Finalist (2025) – Organized by VIT Bhopal and Johns Hopkins University.
- Industrial IoT Markets and Security (2023) – Completed a Coursera course on IoT market trends and security challenges.
- Cloud Computing (2023) – Earned NPTEL certification for foundational knowledge in cloud infrastructure and services.
- Introduction to Programming (2022) – Certified by Kaggle for completing an introductory programming course.
- Python (2022) – Achieved Kaggle certification for Python programming fundamentals.
- Python Essentials (2023) – Completed a comprehensive Python training program by VITyarthi.
- MATLAB Onramp (2022) – Certified by MathWorks for basic MATLAB programming skills
- Simulink Onramp (2022) – MathWorks certification for foundational Simulink modeling skills.
- E-Learning Assessment (2024) – Completed a Nestlé program evaluating e-learning methodologies.

POSITION OF RESPONSIBILITY

- Operations Team Member: E-Cell Club, VIT Bhopal University