

Sai Veeksha Tavva

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GitHub: <https://github.com/veeksha12>

Education

International Institute of Information Technology, Hyderabad (IIITH)

B.Tech in Computational Natural Sciences (CND)

Expected Graduation: 2029

Technical Skills

- **Languages:** Python, C, C++, Java, HTML, CSS, SQL, NoSQL, Bash + Shell Scripting, JavaScript
 - **Tools & Frameworks:** Git, Linux, Jupyter, VS Code, Gaussian, Collab
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Projects

Monte Carlo Simulation of 2D Ising Model

Coursework Mini Project | Mar 2025

- Simulated a basic spin-lattice system using Python to study phase transitions
- Visualized temperature dependence of magnetization using Matplotlib

Personal Portfolio Website

Self-initiated | Feb 2025

- Created a static personal site using HTML, CSS, and Bootstrap to showcase projects
 - Deployed on GitHub Pages
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Achievements

- Nash Equilibrium Game, Memory Game
 - Personal Portfolio
 - Fractals in Python
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Relevant Coursework

- Introduction to Software Systems
 - Linear Algebra
 - Classical Mechanics
 - Data Structures and Algorithms
 - General and Structural Chemistry
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Interests

Design, Music, Photography, Coding, Travelling