

TANISHKA JAIN

Vidisha, Madhya Pradesh, India

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EDUCATION

Samrat Ashok Technological Institute

B.Tech - Internet of Things - **CGPA - 8.26**

Nov 2022 – June 2026

Vidisha, Madhya Pradesh

TECHNICAL SKILLS

Programming Languages: Python, C++, JavaScript, SQL, HTML, CSS

Technologies/Frameworks: Reactjs, Numpy, Pandas, Tailwind, Bootstrap, Git, Arduino

Developer Tools: VS Code, Git/GitHub, Jupyter, Canva

Coursework/Concepts Data Structures Algorithms, OOPs, Discrete Mathematics,

Microprocessors/Microcontrollers, Computer System Organization

PROJECTS

Automatic Pill Dispenser 🔗 | C/C++, Arduino, IoT, Electronics

- Developed an intelligent, time-triggered pill dispenser using Arduino, integrating real-time scheduling, sensor-based user confirmation, and actuator control. Implemented robust logic to manage servo motors, detect missed doses by ultrasonic input, and ensure safe redirection of medication.

Krishisarthi 🔗 | Python, React.js, HTML, CSS and JavaScript, Tailwind

- Developed a full-stack web platform combining AI assistance and smart contract farming to support Indian farmers with crop advice, weather alerts, market insights, and secure agreement management.
- Designed an interactive, responsive frontend and integrated voice/text-based **AI chatbot** for multilingual user support and personalized farming solutions.

Folder Locker 🔗 | C++ and Cryptography

- Developed a program using C++ to implement encryption and decryption process on all text files of a particular folder .
- All files within the designated folder will be securely encrypted or decrypted through this project.
- This project confidently encrypts and decrypts data files in a folder using a secure secret key given by user.

Hostel Management 🔗 | Python, DBMS

- Designed a menu driven program for managing hostel rooms, transaction, availability and connecting it to MySQL and further data is manipulated.
- This python program maintains the database of the students of the hostel using **MySQL**.

INTERNSHIP

Bahrat Intern 🔗

Web Developer Intern

OCT 2023 – NOV 2023

- * I am securing a virtual internship opportunity at bahrat Intern as an Web developer Intern.

Achievements/Involvement

- Finalist, **Smart India Hackathon 2024** – Selected for the national-level finals for an innovative web crawler project using ML.
- Participant, **Wittyhacks 4.0 and HackJKLU 2025** – Built innovative tech solutions including a smart agriculture system for contract farming during national-level hackathons.
- Member, **Flux (Official Tech Club) and GitSetCode** – Contributed to robotics-focused events and actively promoted technical growth in a supportive community.
- Google Cloud Computing Foundations:** Cloud Computing Fundamentals