Sanidhya Sahu

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EDUCATION

Bachelor of Technology in Internet Of Things

Samrat Ashok Technological Institute • Vidisha, (M.P) • 2026

EXPERIENCE

TULIP Intern

Raipur Municipal Corporation   **June 2023 - August 2023, Raipur, Chhattisgarh**

- Completed a 10-week internship in the Department of Urban Development at the National Urban Livelihood Mission, Raipur, showcasing a diverse skill set and adaptability.
- Researched and developed comprehensive policy recommendations on urban land use, influencing the adoption of sustainable planning strategies that were integrated into citywide development projects over 6 months.
- Analyzed and streamlined data entry processes for a government administration project, enhancing productivity and significantly reducing manual errors through the development of an automated Excel VBA solution.
- Researched and analyzed industry trends in urban planning, delivering a comprehensive report that influenced the organization's strategic planning for sustainable community development initiatives.

Co-Founder

SDC.   **September 2023 - Present, Vidisha, (M.P)**

- Founded and spearheaded the establishment of a dynamic Student Development Community for Enthusiastic Students focused on software engineering. and Led initiatives to enhance coding skills through collaborative projects, knowledge sharing, and exploration of various aspects of software development.
- Provided valuable career guidance to community members, offering insights into internships, job opportunities, startups, and industry best practices, and Cultivated a supportive community by facilitating connections between like-minded peers, mentors, and experienced professionals within the software development realm.

PROJECTS

Customer Management Application

Self Project • https://github.com/isanidhya/Customer-Management-Application-SpringBoot-Thymeleaf • August 2023

- The Customer Management Application is a web-based system developed using Java and Spring Boot.
- It provides functionality for managing customer data, including creating, viewing, updating, and deleting customer records.
- The application integrates with external APIs to handle user authentication and customer data retrieval.

Weather App using JavaScript and APIs

Self Project • https://github.com/isanidhya/Weather-App-using-JavaScript-and-APIs • November 2023

- Design a simple webpage where users can input a city or location and use JavaScript to make asynchronous API calls to fetch weather data.
- Display the retrieved data in a user-friendly format on the webpage and add error handling for cases where the location is not found or the API call fails.

Personal Blog using Python (Flask, SQLite)

Self Project • https://github.com/isanidhya/Personal-Blog-using-Python • May 2023

- Use Flask to create routes for user registration, login, and blog post creation and Design a simple frontend using HTML, CSS, and JavaScript.
- Use SQLite to store user credentials and blog posts and Implement user authentication to secure the application.

SKILLS

TechStack: C, JAVA, Python, HTML, CSS, JAVASCRIPT

DATABASE: MySQL, SQLite, FireBase, MongoDB

Tools: VS CODE, GITHUB, CANVA, FIGMA, JUPYTER NOTEBOOK, POSTMAN

Other: BASH Scripting, Git, Kivy, Streamlit, Flask

INVOLVEMENT

Technical Member

Samrat Ashok Technological Institute, Vidisha • Technical Club 'FLUX' • September 2023 – Present