

SONISHA TRIPATHI

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EDUCATION

Chitwan College of Technology, Tribhuvan University

Bharatpur, Nepal

Bachelor of Science in Computer Science and Information Technology (BSc CSIT) Nov 2023 - Jul 2027 (Expected)

Relevant Coursework: Object-Oriented Programming, Data Structures and Algorithms, Database Management Systems, Operating Systems, Computer Networks, Design and Analysis of Algorithms, Web Technology

TECHNICAL SKILLS

Design Tools: Figma, Adobe Photoshop

Languages: HTML, CSS, C, C++, JavaScript (Basics)

Concepts: UI/UX Design Principles, Responsive Web Design, Database Design (ER Modeling, Normalization)

PROJECTS

Attendance Management System | Academic Group Project

2025

- Designed the complete database architecture, including an ER diagram and a relational schema normalized to 3NF across four entities (Teacher, Student, Subject, Attendance).
- Designed the user interface and form layouts for attendance entry, dashboards, and reports, applying validation and usability principles.
- Collaborated with a 3-member team to translate system requirements into a documented, presentation-ready system design.
- Documentation and design available on GitHub: github.com/Sonisha7/attendance-management-system

Recess Mood — Product Landing Page | Personal Project

2026

- Designed a multi-section product landing page in Figma, including a dynamic flavor showcase, ingredient highlights, and product grid.
- Built a fully responsive, coded version using HTML, CSS, and JavaScript, featuring an interactive flavor carousel with smooth transitions.
- Live demo: sonisha7.github.io/recess-mood-landing-page | Code: github.com/Sonisha7/recess-mood-landing-page

Chitwan College of Technology — UI/UX Redesign Case Study | Personal Project

2026

- Identified real usability issues on the college's live website through direct user research as a current student, including outdated content, broken links, and an incomplete syllabus.
- Designed a redesigned homepage in Figma centered on a filterable "Campus Feed" concept, then built a working coded prototype in HTML, CSS, and JavaScript.
- Live demo: sonisha7.github.io/cct-redesign | Code: github.com/Sonisha7/cct-redesign