

SANDESH KHADKA

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EDUCATION

KIST College

Bachelor of Information Technology

Kathmandu, Nepal

Expected Graduation: Dec, 2026

GPA: 4.0/4.0

Relevant Coursework: Software Engineering, Web Technology, Programming in Java, Operating System, Mathematics-I, Mathematics-II

Honors and Awards: Achieved 80% scholarship based on outstanding entrance performance

SKILLS

Technical Languages: C, C++, Java, HTML5, CSS3, JavaScript

Frameworks and Technology: Adobe Photoshop, Bootstrap, MySQL, Git, Postman, Hoppscotch, Spring Boot

Soft Skills: Communication, Problem Solving, Team Collaboration, Adaptability

EXPERIENCE

Arduino Developer Intern

Apr 2022 – July 2022

SRG Group

- Developed and implemented an **Arduino-based traffic light control system** to manage signal timings.
- Designed a system using **Arduino, DH11 sensor, LCD and LDR** to monitor temperature and control machinery. Automated light control based on ambient conditions and managed power supply switching with an inverter for backup.

PROJECTS

cloning-camera-home-page / [Website](#) / [GitHub](#) / *HTML, CSS, Git*

Aug 2024 – Present

- Developed a simple, static webpage using **HTML** and **CSS** to practice foundational web development skills.
- Gained hands-on experience with various **HTML tags** and **CSS properties** to understand their behavior and effects.
- Wrote **well-structured** and **maintainable code**, following best practices for readability and future updates.

cloning-spotify / [Website](#) / [GitHub](#) / *HTML, CSS, Bootstrap, Git*

Aug 2024 – Present

- Created a static web clone replicating Spotify's user interface to practice web design and front-end development skills.
- Accurately reproduced visual elements such as "Trending Now" and "Top Songs," ensuring a polished and consistent aesthetic.
- Wrote **clean, organized HTML and CSS code**, adhering to best practices for readability and future scalability.

cloning-simpson-game / [Website](#) / [GitHub](#) / *HTML, CSS, JavaScript, Git*

Aug 2024 – Present

- Interactive gameplay developed entirely using frontend technologies.
- Custom design and layout using **CSS** for styling.
- Efficient **DOM manipulation** and **event handling** with JavaScript.

portfolio / [Website](#) / [GitHub](#) / *HTML, CSS, JavaScript, Git*

Dec 2024 – Present

- Developed a personal portfolio website using **HTML, CSS, and JavaScript**, ensuring a clean and responsive design.
- Implemented **custom responsive design** techniques to ensure compatibility across devices.
- Integrated **dark and light** mode features to enhance user experience and accessibility.
- Efficient **DOM manipulation** and **event handling** with JavaScript.

HACKATHONS AND ACTIVITIES

KIST Hackathon, KIST Fest