

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

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

- The site perfectly duplicates Spotify's streamlined style, with distinct categories such as "Trending Now" and "Top Songs," assuring a consistent user experience.
- The website includes interactive features such as playlist building and artist exploration, which increase user engagement and demonstrate skill in responsive design and media content integration.

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.

HACKATHONS, CLUBS AND ACTIVITIES

KIST Hackathon, All in forStudents Program - [GitHub](#)