

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, 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-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-todo-app / [Website](#) / [GitHub](#) / *HTML, CSS, JavaScript, Git*

Aug 2024 – Present

- Developed a responsive and interactive to-do application using **HTML, CSS, and JavaScript**.
- Designed a user-friendly interface with features like scrollable containers and task management.
- Ensured clean and maintainable code for efficient performance 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 / [GitHub](#) / *HTML, CSS, JavaScript, Java, Spring Boot, MySQL, Git*

Dec 2024 – Present

- **Implemented a Full-Stack Portfolio Website** with responsive design and dark/light mode toggle using **HTML, CSS, JavaScript, Spring Boot, and MySQL**, showcasing proficiency in modern web development.
- **Integrated email notification system** to automatically send messages to the admin's email upon form submissions, ensuring seamless communication with potential employers.
- Designed and developed **secure REST APIs** using **Spring Boot** for efficient storage and retrieval of user details in **MySQL**, ensuring data consistency and privacy compliance.

HACKATHONS AND ACTIVITIES

KIST Hackathon, KIST Fest