

# SANDESH KHADKA

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## EDUCATION

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### 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

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**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

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### 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

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**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** / [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

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KIST Hackathon, KIST Fest