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SABIN SHRESTHA

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Electronics, Communication and Information
Engineer

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SUMMARY

Motivated Electronics, Communication, and Information Engineering student with a strong interest in software, electronics, and hardware. Maintained an academic record with a 74% average. As the president of the EPC and IEEE student branch, I have developed leadership, teamwork, and problem-solving skills. Experienced in circuit design, programming (C, Python), and microcontroller-based projects. Passionate about applying technical knowledge to real-world engineering challenges.

EDUCATION

Kathmandu Engineering College

Bachelor's Degree in Electronics, Communication
and Information Engineering
2021 - 2025

SOS HGS, Bhaktapur

+2 Science, Physics and Mathematics
2019 - 2021

SKILLS

- C, C++, Python, HTML
- NLP, IoT
- Data Analysis & Visualization
- MySQL (basic)
- Microcontrollers: ESP32, Arduino, Raspberry Pi

PROJECTS

- Fully Autonomous Robotic Vacuum with 3D Mapping
- Nepali Voice Assistant with Home Automation
- Attendance System Using Basic Facial Features
- Smart Traffic Light System using OpenCV
- Smart Home Automation System with Web and Mobile Control

PROFESSIONAL EXPERIENCE

Interim Chair

IEEE Student Branch KEC | Jan 2025 - June 2025

President

Electronics Project Club, KEC | 2024 - 2025

- Robotics, IoT,

Intern

Bizbazar | May 2025 - July 2025 | Full-time

- Developed and customized frontend components on the CS-Cart Multi-Vendor platform to improve user interface and user experience.
- Assisted in data sanitization and product management tasks to ensure accuracy and consistency in product listings.
- Supported SEO optimization efforts by refining metadata, page structures, and product descriptions to enhance search visibility.