Sudarsan Sharma

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Summary

I'm Sudarsan Sharma, a dedicated electronics, communication, and information engineering student at Tribhuvan University's Himalaya College of Engineering. My passion lies in leveraging technology to drive innovation. My skills in web development, programming, copywriting and SEO, coupled with a strong drive for learning, make me a promising asset to the IT industry. I aim to bridge the gap between theory and practice, contributing significantly to technological advancements.

Education

2021 – 2025 - Himalaya College of Engineering, Tribhuvan University, Lalitpur, Nepal

Bachelors of Electronics, Communication and Information Engineering.

2018 – 2020 - Golden Gate International College, Kathmandu, Nepal

Secondary Education (Science), National Examinations Board (NEB).

Experience

Himalaya Robotics Club – General Member. Kathmandu, Nepal. (2022/2023**)**

Leading and Handling projects.
- Study, design of PCB.
- Remote Control Car Design.
- Home Automation (Remote Home Control system)
- Event Management, Workshop trainer.

Leo Club of Galkot- President. Baglung, Nepal. (June 1,2020-August 1,2022**)**

Performing Social work and educational campaign.
- Learned Public Communication and Leadership
- Perform Social Work
- Event Management, Workshop trainer.

Projects

Portfolio Development (December 21, 2022- January 18,2023)
- Developed a portfolio which shows the information about a person, skills, work experience.

Home Automation (Feb- January 18,2023)
- Developed an app that helps a person to control the home appliance using mobile phone.

2022 – 2023 – E-learning with chatbots – Third Year Minor Project

- Developed E-learning platform with pdf summarizing features and chatbots using Google PaLM and RAG.

2023 – 2025 – Supply Chain Management System Using Blockchain – Fourth Year Major Project
- Built a decentralized ledger system for error-free and accountable supply chain management and visualize product movement and demand within the supply

Skills

Programming

- Copywriting and SEO
- Web Development
- HTML/CSS
- Mobile App development (Flutter)
- C/C++
- Public Communication and Leadership Skill

Presentation & Writing

Public-Speaking / Microsoft 365 / Presentation Techniques and Teamwork / Academic and Technical Writing

Relevant Courses – Undergraduate _Tribhuvan University

C-Programming/ Object Oriented Programming/ Data Structure and Algorithm/ Digital Logic/ DBMS/ Computer Graphics/ Computer Organization and Architecture/ Control System/ Filter Design/ Computer Network/ Microprocessor/ Advanced Electronics/ Digital Signal Analysis and Processing/ Instrumentation I&II / Communication System/ Wireless Communications/ Antenna and Propagation/ Artificial Intelligence/Object Oriented Software and Design/ Information System/ Big Data/ Enterprise Application Design and Development/ Engineering Projects I, II.

Languages

[**Nepali** – Native]   [**English** – Proficient]   [**Hindi** – Understandable]