

Nishant Kumar Bhandari

nishantkrbhandari@gmail.com | [Portfolio](#) | [LinkedIn](#) | [GitHub](#)

Profile

I don't just study electronics. I apply it. I anticipate the future of technology and wish to grow and develop my skills as an engineer. I am a learner and I enjoy how systems work. Exploring new tools, learning through practice, and collaborating in challenging environments to prepare myself for creating reliable, impactful solutions is something I value.

Education

- **V.S Niketan Higher Secondary School** | High School
2023-2025
- **V.S Niketan School** | School
2012-2023

Skills

- Web Development: HTML5, CSS3, JavaScript, TypeScript, React, Next.js
- Programming & Hardware: Python, C/C++, Arduino, Microcontrollers
- Databases: MySQL
- Version Control: Git
- Other Skills: Graphic Design, IoT Projects, Public Speaking

Work Experience

- **Technical Associate (Part-Time)** | Technergy Global Pvt. Ltd., Kathmandu
May 22, 2025 – October 31, 2025
 - Developed and maintained a responsive website as per client requirements, using reusable UI components for scalability.
 - Contributed to graphic designing, creating digital creatives and social media posts aligned with brand guidelines.
 - Supported the company's digital presence through combined technical and design work.

Leadership and Experience

- **VSN Robotics Club** | Vice President
Aug 2024 – Aug 2025
 - Led club activities and technical initiatives, coordinating teams for robotics projects, competitions, and workshops.
 - Supported decision-making, mentoring members, and maintaining collaboration between technical and management teams.
- **VSN Robotics Club** | Supervisor & Social Media Manager
Sep 2023 – Aug 2024
 - Supervised members during hardware and software projects, ensuring structured learning and task completion.
 - Managed social media accounts while designing creating banners, posters and other visual content to boost engagement and promote projects.

- **VSN FEST | Organizer**

Feb 2025

- Planned and organized a technology-focused event, coordinating logistics, participants, and technical arrangements.
- Ensured smooth execution of activities through teamwork and time management

- **Chat Bot Development Workshop ([GitHub](#)) | Organizer & Instructor**

Oct 2024

- Conducted a hands-on workshop on chatbot development, covering basics of logic, version control, and GitHub usage.
- Guided participants through practical implementation and collaborative coding practices.

Projects

- **Sister Bot | AI-assisted nurse integrated on self-controlled body.**
 - Built an AI nurse with self-control using Raspberry pi, Arduino Uno, Motors, ECG and HC_SR04 ultrasonic sensors.
 - Developed a feature where it takes symptoms from the patients with age, weight etc. and returns the most equivalent diseases.
- **Tampu Bot | Modular robot with multitasking features.**
 - Designed and handmade a modular bot to reduce the cost of different working robots.
 - Made a crane like arm using gravity, pulley system, gear system etc from scratch and the bot contained fire extinguishers, home cleaning & metal detector.
- **VSN Robotics Club Website | [View Website](#)**
 - Built with HTML, CSS, JavaScript, showcasing the club's achievements, events, and membership opportunities for robotics enthusiasts.
- **Personal Portfolio Website | [View Website](#)**
 - Developed using Next.js and TypeScript (TSX), implementing a responsive layout, dynamic components, and a modern, user-friendly interface to showcase projects and skills.

Certificates and Recognitions

- **First Place – Robo Race Competition | Kathmandu Model College**
Feb 2024
- **First Place – VSN IT Quiz | V.S Niketan Secondary School**
Feb 2024
- **First Place – Project Demonstration Competition | Kathmandu University**
Mar 2024
- **First Place – Robo Soccer 2.0 | ICT Mela**
Dec 2024

Languages

- English – Proficient
- Nepali – Native
- Hindi - Conversational