SAROJ CHAUDHARY

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CAREER OBJECTIVE

A quest to work and learn in a real professional and vying ambiance that enables me to cope with the emerging as well as latest technology and scope for widening the spectrum of my knowledge.

ACADEMICS

Degree / Certificate	School / College	Board / University	Year of Passing (A.D)	Percentage / SGPA
B.E in Elx & Communication	Nepal Engineering College	Pokhara University	2022	3.12
+2 Science	Koshi Saint James college	HSEB	2017	63.2%
SLC	Shree Rastriya Higher Secondary School	Nepal Board	2015	68.88%

TECHNICAL SKILLS

- Languages: C, C++, MATLAB and basic Python-Django.

- Application Tools: Microsoft Word, Microsoft PowerPoint, Microsoft Excel, Photoshop, PremierPro, IDE (Arduino), VScode, Easy EDA, Proetus Simulator and Altium Designer (Basic).

- Controllers: Arduino Family, ESP-32, NodeMCU (ESP-8266),

- Familiar with HTTP, WebSocket, and LoRaWAN.

- Designing: Different types of Robots, Electronics circuits, Electronic devices, PCB designing.

- Intermediate in HTML, CSS, JS and backend development.

SOFT SKILLS

- Team work
- Creativity
- Time management
- Leadership quality
- Problem solving and Good Communication skills

School/College PROJECTS

Sanitary PAD vending Machine   *2022*

nec Delivery Robo Funded by NAST: *May ,2020*

Sonar Monitoring System: *September ,2019*

Line Following/Bluetooth Robot: *June ,2019*

Automatic AC Light Module: *April, 2018*

Automatic Water Pump: *March ,2016*

PRODUCTS

- **Sanitary PAD vending machine (with IoT)**
- **Gold/Silver Price display Board (with IoT)**

EXTRA-CURRICULAR

- Core member at CTRC club, nec. *(Since 2019).*

  I handle different projects related operation inside our college under the CTRC club.

- Member in Robotics Association of Nepal (RAN) *(Since 2020).*

  I am working with five-members to look after the Ai and Robotics department in RAN.

- Attended 5 days NODMCU and Arduino Workshop organized by nec, CTRC *(2019).*

- Attended 1 day Basic electronic and electric program organized Electrical Department *(2019).*

- Attended 4 days basic sensor module with Arduino IDE organized by nec, CTRC *(Dec, 2018).*

- Attended 4 days basic Arduino Workshop organized by nec, CTRC *(2018, Aug).*

AWARDS AND ACHIEVMENTS

- Won **Avigna-Best Project Award** an inter college project competition organized by Everest Engineering College for the project titled "**Sonar Monitoring System**". *(September ,2019, Lalitpur)*
- Winner of **Karmalaya IX** in project **The Pad Vending Machine** organized by the Center for Applied Research and Rural Development (CARRD), nec, Changunarayan, Bhaktapur. *(December,2021)*
- Awarded with the **Best Student Extracurricular Activity Awards** during the school. *(Nov, 2014)*
- Participated in many science project exhibitions organized by different institutes and organizations.
- Won many prizes and medal in during school and college academic.

EXPERIENCED

- Worked as supervisor for **Yantraveer** group (1st runner-up winner) in High School Robot Championship held by CAN in Province no 1, Nepal. *(Jan,2020)*
- Trained 400+ students about IoT and Robotics all over Nepal,
- Working as IoT Developer at Nepatronix Engineering Sol. Pvt. Ltd since 2021

STRENGTHS:

- Flexibility & Adaptability
- Punctuality & Sincere
- Good Listener & effective communicator

PERSONAL INFORMATION

Date of Birth	**:**	April, 17, 1997.
Nationality	**:**	Nepali
Marital Status	**:**	Unmarried
Language	**:**	Can Speak, Read & Write English, Nepali.
Hobbies	**:**	Travelling, Reading books, Experimenting on new thing, Playing sport, Playing Guitar.