SAROJ CHAUDHARY

Mobile: +977-984002722, +977-9817307219

Address: Sunsari, Koshi Province, Nepal.

Email: Sarojthaaru@gmail.com

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

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*

Worked as a team member in the nec Delivery Robot project to support the medical staff of hospital to operate the treatment of Covid19 patient during pandemic. The robot is fully manual operated by remote. The robot is handover to the Teku Hospital (Shukraraaj Tropical & Infectious Disease Hospital), Teku, Lalitpur is still in operation on there.

I am working on NAST project nec Delivery Robot based on AI with my professors and colleagues.

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 150 plus 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.