



SAROJ CHAUDHARY

IoT Developer

On 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.

My Contact

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Experiences

- Worked as supervisor for **Yantraveer** group (1st runner-up) 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.

Education Background

- Nepal Engineering College
B.E in Electronics & Communication
Completed in 2022
Percentage/SGPA: 3.12
- Koshi Saint James College
+2 Science, HSEB
Completed in 2017
Percentage/SGPA: 63.2%
- Shree Rastriya Higher Secondary School
SLC, Nepal Education Board
Completed in 2015
Percentage/SGPA: 68.88%

Personal Information

- Date of Birth** : April 17, 1997
- Nationality** : Nepali
- Marital Status** : Unmarried
- Language** : Fluent in English and Nepali
- Hobbies** : Travelling, reading books, experimenting on new things, playing sports, playing guitar

Technical Skills

- Languages: C, C++, MATLAB and basic Python-Django.
- Application Tools: Microsoft Word, Microsoft PowerPoint, Microsoft Excel, Photosoft, PremierPro, IDE (Arduino), VScode, Easy EDA, Proteus Simulator and Altium Designer (Basic).
- Controllers: Arduino Family, ESP-32, NodeMCU (ESP-8266)
- Familiar with HTTPS, WebSocket, GSM and LoRa.
- Designing: Different types of Robots, Electronic circuits, Electronic devices, PCB designing.
- Intermediate in HTML, CSS, JS and backend development.

Extra-curricular

- Core member at CTRC club, nec. (Since 2019)
- Member in Robotics Association of Nepal (RAN) (Since 2020).
- Attended 5 days NODMCU and Arduino Workshop organized by nec, CTRC (2019).
- Attended 1 day Basic electronic and electric program arranged by Electrical Department (2019).
- Attended 4 days basic sensor module with Arduino IDE coordinated by nec, CTRC (Dec, 2018)
- Attended 4 days basic Arduino Workshop regulated by nec, CTRC (Aug, 2018).

Products

- Sanitary PAD vending machine
- Gold/Silver Price Display Board
- Wireless Alarm System with LoRa
- RFID attendance system

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

Strengths

- Flexibility & Adaptability
- Punctuality & Sincere
- Good Listener & Effective Communicator

Soft Skill

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

Achievements

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