

Shiva Shrestha

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SUMMARY

An energetic and dedicated student pursuing Electronics Engineering at Paschimanchal Campus, IOE. I am proficient in frontend web development and am excited to use my understanding and enthusiasm in practical situations. In search of chances to grow, learn, and contribute in the web development field.

EDUCATION

Institute of Engineering, Paschimanchal Campus

Bachelor of Electronics, Communication and Electronics Engineering

Pokhara, Nepal

Nov 2019 - Mar 2024

Gaundakot Namuna College

+2 Science (3.69 CGPA)

Nawalparasi, Nepal

Apr 2017 - Mar 2019

COLLEGE EXPERIENCE

Robotics Club

Design Transformer · Booster Committee

Lamachaur, Pokhara

Sep 2021 - Jan 2023

- o **Mechtrix 2023:** Led the successful development and presentation of the robotics arm project, securing victory in the Project Demonstration competition at Mechtrix 2023.
- o **Battle For speed 2022:** Acted as the primary graphic designer for this event, creating visually compelling content to enhance the event's branding and communication. Managed end-to-end event coordination, ensuring seamless execution and a positive attendee experience.
- o **Robo Rookies:** Provided guidance and instruction to new generation/members of the club.

Robotics Club

Member · Member Committee

Lamachaur, Pokhara

Jan 2020 - Sep 2021

- o **Battle For speed 2020:** Led a team in the design, development and implementation of the robot, showcasing expertise in robotics, programming, and project management.
- o **RoboSoccer:** Designed and built a remote-controlled robot capable of playing football, demonstrating proficiency in robotics and engineering.

PROJECTS

Sagarmatha Fruit store landing website: Developed a simple and visually appealing landing page for a local fruit store. Designed and implemented an intuitive navigation structure for showcasing products and providing store location information.

Mausam: Developed a dynamic and user-friendly weather forecast web application to provide real-time weather information.

Crypker: Designed and developed a comprehensive cryptocurrency tracking website to provide users with real-time information on various digital assets.

Airline Management System: Led a team of four to develop a web application for Database management project where we developed a comprehensive Airline Management System as a significant project, demonstrating proficiency in database design and management.

Robotic Arm: Developed a robotic arm as a demonstration model to showcase the application of automation in performing tasks hazardous to human workers.

Automated Delta Waste Classifier: Led a team in the development of an innovative waste sorting system for the final year Bachelor's project. Designed and implemented a delta arm mechanism capable of classifying waste items into various categories.

Smart Door Access System: Developed and implemented a sophisticated automated door access system featuring RFID identification for secure entry and integrated a gas detection system to identify and alert against harmful gases within the environment.

PROGRAMMING SKILLS

Languages: C , C++ , JavaScript , Python

Technologies: ReactJs , Tailwind , TensorFlow , Arduino