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   Pokhara, Nepal
Bachelor of Electronics, Communication and Electronics Engineering   *Nov 2019 - Mar 2024*

Gaindakot Namuna College   Nawalparasi, Nepal
+2 Science (3.69 CGPA)   *Apr 2017 - Mar 2019*

EXPERIENCE

Robotics Club   Lamachaur, Pokhara
Design Transformer · Booster Committee   *Sep 2021 - Jan 2023*

- **Mechtrix 2023**: Led the successful development and presentation of the robotics arm project, securing victory in the Project Demonstration competition at Mechtrix 2023.
- **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.
- **Robo Rookies**: Provided guidance and instruction to new generation/members of the club.

Robotics Club   Lamachaur, Pokhara
Member · Member Committee   *Jan 2020 - Sep 2021*

- **Battle For speed 2020**: Led a team in the design, development and implementation of the robot, showcasing expertise in robotics, programming, and project management.
- **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