

PRAKRITI SHRESTHA

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OBJECTIVE

I am a Computer Engineering student interested in web development. I am looking to apply my skills in software development, problem-solving while learning more about both frontend and backend development to grow as a full-stack developer.

SKILLS & ABILITIES

- **Programming Languages:** JavaScript (React), Python, C, C++
- **Web Development:** HTML, CSS, MERN stack (MongoDB, Express.js, React, Node.js), flutter
- **Database:** SQL, MongoDB
- **Tools & Platforms:** Github, Jupyter Notebooks, Arduino Programming
- **Design Tools:** Figma, Canva

Other skills:

- Basic Graphic designing
- Problem solving
- Teamwork
- Good communication

EDUCATION

2021 – present	Bachelor in Computer Engineering, Himalaya College of Engineering, Chyasal, Lalitpur
2018 – 2020	Grade 11 GPA – 3.31 Grade 12 GPA – 3.50 Aggregate GPA – 3.41 Capital College and Research Center, Balkumari, koteswor
2006 – 2018	SEE GPA – 3.86 Pawan Prakriti English Secondary School, Mahalaxmi – 5, Tikathali, Lalitpur

PROJECTS

Academic Project (3rd Year Minor Project):

- **Region-Based Crop Yield Prediction in Nepal using LSTM - Python**
 - Collaborated with a team to develop a machine learning-based web app that predicts crop yields across Nepal's regions by analyzing soil, weather, and crop data.
 - Managed data collection and preprocessing using Jupyter and Python.

Practice Projects

- **Notebook - MERN, Bootstrap**
 - Developed a note-taking web application, implementing features like creating, editing, and deleting notes.
 - Added user authentication, tag-based filtering, and a responsive interface for smooth user experience.
- **eCommerce Platform (in progress) - MERN, Tailwind, Material UI**
 - Building an e-commerce website with features like product filtering by category, subcategory, and price, search function, and add-to-cart functionality.
 - The website is fully responsive across different screen sizes, with ongoing work on the backend and additional features.

COMMUNICATION

- **Nepali:** Native
- **English:** Fluent
- **Hindi:** Basic

CERTIFICATIONS AND TRAININGS

- Web Designing and Development using HTML, CSS, and PHP – 30-hour training program, Himalaya College of Engineering (Participation Certificate)
- Flutter Development – 45-hour training program, Himalaya College of Engineering (Participation Certificate)
- MERN Stack – Training program, Himalaya College of Engineering