

**Sandesh Poudel**

+977 9869865250 | sandezpoudel@gmail.com

Shankhamul, Kathmandu

[github.com/sandesh3322](https://github.com/sandesh3322)

**Objective**

Motivated and self-taught web developer currently pursuing a Bachelor's degree at Pulchowk Engineering College. Seeking a web development internship to apply my skills in MERN and Next.js, and gain real-world experience working on production-level applications. Currently exploring AI/ML to enhance MIS and automation systems.

**Education****Bachelor's in Engineering**

Pulchowk Engineering College, Kathmandu

*Ongoing*

**Skills**

- **Frontend:** React.js, Next.js, HTML, CSS, JavaScript
- **Backend:** Node.js, Express.js
- **Database:** MongoDB
- **Programming Languages:** JavaScript, Python
- **Tools:** Git, GitHub, Postman, VS Code
- **Currently Learning:** AI/ML for intelligent MIS and process automation

**Projects****1. Multivendor E-commerce Platform**

Developed a full-stack web app using the MERN stack for multiple vendors and customers. Features include vendor dashboards, product management, and secure checkout.

**2. Admin Authentication System**

Built a secure admin login system with protected routes and toast notifications. Handled session control and user access for dashboard-level security.

**3. Hand Gesture Controlled Whiteboard**

Created a virtual whiteboard using MediaPipe and OpenCV to detect hand gestures. Enabled touchless drawing, erasing, and tool switching in real-time.

**4. Lalitpur Shortest Path Visualizer**

Designed a C++ tool to visualize the shortest path between locations in Lalitpur. Used Dijkstra's algorithm and a simple UI for user input and display.

**Additional Info**

- Actively learning through hands-on projects
- Open to collaboration, teamwork, and constructive feedback
- Keen interest in AI-driven applications and smart system development