

PRABIN KANDEL

Frontend Builder · Project Maker · Interactive Web Developer

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Portfolio: prabinkandel1.github.io/prabinkandel/ | GitHub: github.com/PrabinKandel1

PROFESSIONAL PROFILE

Frontend-focused builder interested in turning ideas into usable interfaces, browser software and interactive experiences. Experienced with HTML, CSS and JavaScript, with practical exposure to responsive UI, interaction design, motion, DOM-based applications, local storage, project architecture, debugging and iterative testing. Currently developing a broader foundation in software engineering through independent projects, technical experimentation and science/technology project work.

TECHNICAL SKILLS

Frontend	HTML5 · CSS3 · JavaScript · Responsive Web Design · DOM · Browser Applications
UI / UX	Interface Design · Interaction Design · Motion & Transitions · Responsive Layouts · Usability
Development	Modular JavaScript · Local Storage · APIs · Supabase · PHP · Git / GitHub
Engineering	Project Architecture · Organized File Structure · Debugging · Testing · Iteration · Documentation

SELECTED PROJECTS

PROMETHEUS X — Intelligent Wildfire Monitoring & Early Detection

Environmental monitoring and early-warning project combining field sensing, receiver/gateway concepts, structured data, access control and a disaster-focused monitoring interface.

- Built and organized the monitoring-platform side of the project, focusing on presenting environmental information, system state, risk information and alerts in a clear workflow.
- Project architecture includes ESP32-based field modules, LoRa communication concepts, environmental sensing, GPS and particulate/smoke monitoring components.
- Developed the project around distinct Public, Authorized and Admin access experiences with Supabase-backed authentication and authorization.

HIRE-NEPAL — Recruitment / Job Platform Prototype

Frontend product prototype exploring a complete recruitment workflow from discovering opportunities through evaluating listings and moving toward application.

- Designed interface states and user flows for job discovery, employer-oriented workflows and application-oriented interactions.
- Focused on clear information hierarchy, responsive presentation and practical product-style interaction rather than a static demonstration page.

DIGITAL LAB — Personal Portfolio

Professional portfolio and digital workspace presenting projects, technical capabilities, process, recognition, education and interactive work.

- Designed a distinctive command-deck / digital-lab experience with structured navigation, motion, project presentation and an interactive personal assistant concept.
- Uses the portfolio as a living evidence layer for projects, experiments, credentials and technical development.

INTERACTIVE LAB — Browser Games & Experiments

Collection of 30 browser-based games and interactive experiments organized across 8 categories.

- Built local-play browser experiences emphasizing interaction, experimentation, reusable frontend patterns and lightweight application logic.

ACHIEVEMENTS & RECOGNITION

- **National-level Science / Technology Recognition:** Winner in the +2 category at the 3rd National Technical Festival / VECTOR 2082, featuring an open project demonstration at IOE Pashchimanchal Campus, Pokhara.
- **Academic / Inter-school Recognition:** Participated in school-level academic and quiz activities, including Lions Club inter-school quiz recognition.

EDUCATION

2025–Present	+2 Computer Science — Class 12 Shree Shitaladevi Community Secondary School, Pokhara, Nepal
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2023–2025	Secondary Education / SEE Shree Siddha Baraha Secondary School · SEE GPA: 3.79
Earlier	School Education Shree Janakalyan English Boarding School · Nursery–Grade 6

ACADEMIC SNAPSHOT

Class 11 GPA: 2.88. Strongest demonstrated academic area: Computer Science (A theory and A+ practical). Current Class 12 focus includes Computer Science, Mathematics, Physics and Chemistry, alongside continued independent software development.

WORKING APPROACH

Define → Structure → Build → Test → Refine → Document. Projects are approached as practical systems: clarify the goal, organize the interface and code structure, build the working experience, test behavior, refine weak points and document the result.

AREAS OF INTEREST

Frontend Engineering · Software Development · UI / Interaction Design · Browser Applications · Product Interfaces · Environmental / Monitoring Technology · Interactive Web Experiences

PUBLIC LINKS & EVIDENCE

- Portfolio: prabinkandel1.github.io/prabinkandel/
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- Public contact: kandelprabin09@gmail.com · +977 9845513093

This resume is a professional summary of currently verified academic, project and portfolio information. Certificates, credentials and additional documented achievements can be incorporated into future revisions.