Abhinav Gyawali

Student | Aspiring Software Developer | Tech Enthusiast

Location: Butwal, Nepal
Phone: 9746940145
Email: agyawali78@gmail.com
GitHub: github.com/Abhinav-Gyawali
Portfolio: abhinav-gyawali.com.np

Professional Summary

I am a science student with a strong inclination toward programming, system-level understanding, and practical problem solving. I enjoy building things that solve real issues, experimenting with ideas that combine software and hardware, and working collaboratively with people who value learning and impact.

My interests lie in software development, automation concepts, and applied technology. I am currently seeking remote or part-time opportunities, internships, NGO roles, or freelance work where I can contribute meaningfully while continuing to learn through hands-on experience.

Education

Higher Secondary Education (+2 Science, PCMB)

Tilottama Secondary School, Butwal
2023 – Present
Currently studying Physics, Chemistry, Mathematics, and Biology, with a strong interest in applying scientific concepts through technology and experimentation.

Secondary Education (SEE)

Shree Hemraj Secondary School, Hathausa, Kapilvastu
GPA: 3.75
Maintained academic excellence and was consistently recognized for curiosity, practical thinking, and engagement beyond textbooks.

Basic Level Examination (BLE)

<u>Shree Hemraj Secondary School, Hathausa, Kapilvastu</u>
<u>GPA: 3.92</u>
Demonstrated early academic consistency and interest in logical and scientific subjects.

Technical Skills

Programming Languages
- Python
- JavaScript
- Basic knowledge of Java, C, and C++

Frameworks & Libraries
- React
- Next.js
- Django
- Flask
- FastAPI

Platforms & Environments
- Linux (Ubuntu, Fedora)
- Android
- Windows

Tools & Utilities
- Android Studio
- Termux
- Git
- Canva

Core Technical Concepts
- API integration and usage
- Computer networking fundamentals (IP addressing, MAC, DNS, routing, filtering)
- Understanding of system behavior across software and hardware layers

Projects

TprGng

A collaborative academic support platform

TprGng is a student-focused platform inspired by the idea of Stack Overflow but tailored for academic environments. It aims to allow students and teachers to ask questions, share notes, and collaborate on learning materials in an organized and accessible way.

Key focus areas:
- Peer-to-peer learning
- Knowledge sharing
- Academic collaboration

Status: Conceptual and exploratory (vision-driven)

InTouch

Location-aware device automation system

InTouch is a conceptual automation project designed to control device behavior based on location and context. Using sensors, geofencing, and peer-based connections, the system can automatically switch devices to silent, vibrate, or specific volume levels in places like libraries or meeting halls.

It also includes manual configuration, allowing users to "teach" the system how devices should behave in different areas.

Core ideas:
- Context-aware automation
- Practical use of sensors and geofencing
- Peer-based interaction and control

Status: Visionary / experimental

School Management Website

Freelance project (currently on hold)

A full-stack school website built to manage notices, events, academic calendars, and student admissions. The system includes an admin panel and a structured admission workflow where submitted forms receive priority handling.

Technologies used:

- Django
- HTML
- Tailwind CSS
- SQLite (development)
- PostgreSQL (planned for production)

Status: Technically complete, not deployed due to external constraints

Leadership & Training

Participated in different leadership and anchoring development trainings conducted at ward and municipality levels

Gained experience in public speaking, coordination, and group facilitation

Assisted in organizing and managing school-level events

Achievements & Recognition

Received scholarships at multiple schools for academic excellence

Recognized by teachers for curiosity, practical understanding, and active participation

Known for asking questions beyond syllabus requirements and exploring real-world applications

Soft Skills

Clear and effective communication in English (spoken and written)

Fluent Nepali speaker

Strong inclination toward teaching and mentoring peers

Collaborative leadership style with emphasis on inclusiveness

Comfortable working in group environments and guiding discussions

Interests

Technical

- Software development and system design
- Hardware assembly and troubleshooting
- Networking setup and experimentation
- Applied laboratory experiments

Non-Technical
- Cricket
- Volleyball

Personal Traits

Highly curious and eager to learn across disciplines

Idea-driven and confident in conceptual thinking

Strong work ethic in team environments

Sometimes impatient and fast-paced, actively working on improving patience and execution balance