Safal Gautam

Undergraduate Computer Engineer

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Professional Summary

Computer Engineering student with hands-on experience in programming. Demonstrated ability to build full-fledged projects across multiple domains—from C-based systems to modern web and Python applications. Passionate about tech, open source, and solving real-world problems with code.

Experience & Projects

1. MovieVault – Terminal Movie Manager

Python CLI Application | 2025

- Developed a terminal-based movie management system with binary data storage
- Users can add, view, search, and delete movies with persistent data
- Emphasized file I/O, error handling, and modular Python design
- Technologies: Python, JSON
- View Project

2. Personal Portfolio Website

Frontend project | 2025

- Designed a modern and responsive personal portfolio using HTML and CSS
- Replaced all placeholder text with real, well-structured content
- Showcases projects, contact info, and career highlights
- Technologies: HTML5, CSS3
- View Website

3. Banking System

1st semester final project in C | 2025

- Console-based banking application with account management and transactions
- Implemented file handling and user authentication using C
- Technologies: C
- View Project

Education

Purwanchal Campus, Dharan

- *Bachelor of Engineering in Computer Engineering*
  2024 - 2028 (Expected)
  Relevant coursework: Programming Fundamentals, Data Structures

Prasadi Academy, Lalitpur

- *Higher Secondary Education (+2) in Computer Science*
  2022 - 2024
  GPA: 3.77 (Grade XII), 3.64 (Grade XI)

Ilam Rose Merry English School

- *Secondary Education Examination (SEE)*
  2020 - 2022
  GPA: 3.3

Technical Skills

Programming Languages:
- C
- HTML5
- CSS3
- JavaScript
- Python
- C++

Development Tools:
- VS Code, Git/GitHub, Linux (Ubuntu)

Soft Skills:
- Problem Solving, Team Collaboration, Effective Communication

Certifications & Achievements

- **CS50P – Introduction to Programming with Python** – Harvard/edX (2025)
- **C++ Certification** – Programiz (2025)
- **Python Programming** – DataCamp (2023)
- **Volunteer** – ACES TechFest 7.0, Purwanchal Campus (2024)
- Participated in multiple coding workshops and hackathons

Languages

- Nepali – Native Proficiency
- English – Professional Working Proficiency