Atit Kunwar

Passionate and detail-oriented **Cybersecurity enthusiast** with a Bachelor's degree in Information Technology. Dedicated experienced Fullstack Developer with strong problem solving skills and team collaboration.

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EXPERIENCE

Security Researcher (Independent)
14/07/2025

- Identified and disclosed a critical web application vulnerability affecting a government system, exposing sensitive data, internal APIs and full access potential with user credentials exposed.
- Conducted an ethical security assessment, documented technical findings, and followed responsible disclosure practices.
- Engaged directly with government officials, including formal written communication and an in-person meeting, to assist in understanding and resolving the issue.

Himalayan Digital Solution
Thamel, Kathmandu
IT officier (sept - 11, 2024 - Present)

NCIT, Balkumari,Lalitpur
Participant, *NCIT HackFest*

January 11 - 13, 2024

- Lead the development of a **Traffic Light Optimization** project using Computer Vision, which won the **Best Innovation Award**.

EDUCATION

2019 - 2024

Bachelor of Engineering in Information Technology

Nepal College of Information Technology,

Balkumari, Lalitpur

2017 - 2019

+2 Science (NEB)

GoldenGate International College, Battisputali, Kathmandu

SKILLS

- **Front-End Technologies :** React Js, Tailwind css

Back-End Technologies : Python Django, PHP

- **Database** : MySQL, Oracle, MongoDB
- **Tools :** Git, npm, Visual Studio Code, Postman
- **Problem Solving :** Debugging, Analytical Thinking
- **Soft Skills :** Communication, Team Collaboration

LANGUAGES

Nepali, English, Hindi

PROJECTS

FlowSync: Traffic Light Optimization

- Developed a system that adjusts the traffic Light timer based on traffic density dynamically, enhancing traffic flow
- **Technology:** Python-Django, React JS, ESP32, Computer Vision
- **https://github.com/kunwaratit/FlowSync-TrafficLightOptimization**

Steganographic Secure File Storage System

- Created a web app that secures files using AES encryption and steganography.
- **Technology:** HTML, CSS, JS, Python-Django, React JS
- **https://github.com/kunwaratit/Image_steganography_LSB_Algorithm**

Blood Management System

- Created a web platform to locate the interested donor, and requests form patients.
- **Technology:** HTML, CSS, JS, PHP