



# SANGHARSHA THAPA

## PROFILE

I am passionate about pursuing a career in cybersecurity, dedicated to enhancing the safety and integrity of digital systems. My objective is to become an expert in identifying and addressing security challenges, driven by a commitment to innovation and protection. I am eager to contribute my skills and enthusiasm to creating secure digital environments. Let's connect to advance cybersecurity together!

## CONTACT

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LOCATION:  
Kathmandu, Bagmati, Nepal

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Portfolio:  
<https://sangharsha564.github.io/portfolio/>

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## SKILLS

- Vulnerability Assessment and Penetration Testing
- network security
- Exploitation Techniques and Security Assessments
- Python Scripting and Automation
- HTML, CSS, JavaScript, and Responsive Design

## WORK EXPERIENCE

### Vulnerability Analyst

#### Master Nepal, Kathmandu

2024–Present

- Identify and assess security vulnerabilities in systems, networks, and applications using tools like Nessus and openvas.
- Prioritize risks and collaborate with IT teams to implement remediation strategies.
- Provide security consulting to enhance overall protection.
- Stay updated on emerging threats and generate reports to track vulnerability management progress

### Frontend Developer

#### Ganesh Himat Technology, Kathmandu

2022(Apr-Oct)

- Designed and built responsive UIs with HTML, CSS, Bootstrap, and JavaScript.
- Integrated APIs with backend systems and optimized web performance.
- Ensured cross-browser compatibility and managed code with Git.
- Enhanced skills in responsive design, JavaScript frameworks, and teamwork.

## EDUCATION

### B.Sc. in Computer Science and Information Technology (BSC.CSIT)

Nepalaya College, Kathmandu  
2018-2022

### Higher Secondary Education (NEB)

Kathmandu Bernhardt Higher Secondary School  
2016-2018

### School Leaving Certificate (SLC)

Bright Angels Boarding English School  
Up to 2016

## CERTIFICATION

- Certified Ethical Hacker (CEH) - Broadway Infosys  
Learned how to identify and exploit vulnerabilities using in various systems and networks.  
Gained hands-on experience in penetration testing and ethical hacking techniques using tools such as Metasploit, Nmap, and Burp Suite.
- Cisco Certified Network Associate (CCNA) Routing and Switching - Broadway Infosys  
Acquired in-depth knowledge of networking fundamentals, including IP addressing, subnetting, and routing protocols.  
Developed skills in configuring and troubleshooting routers and switches.
- Python Training - Broadway Infosys  
learned Python fundamentals and scripting for automation.