

Aayushman Thapa Magar

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Kathmandu, Nepal

Professional Summary

Cybersecurity Professional with over 3 years of experience, self-motivated and capable of working independently with minimal supervision. Successfully audited and secured Web3 projects across multiple blockchains and performed penetration testing on distributed applications (dApps). Completed over 35 VAPT projects for multinational organizations across sectors such as health, education, and finance.

Technical Skills

- **Web3 Security**
 - Audit Solidity, Rust, and Move smart contract auditing
 - Perform automated code review, and fuzzing of smart contracts using tools such as Slither, Echidna, etc.
 - Perform manual and in depth smart contract audits to identify complex flaws.
 - Perform VAPT of DApps for a complete security assessment
- **Mobile Application Penetration Testing**
 - Static Analysis (iOS and Android)
 - Dynamic Analysis (iOS and Android)
- **Web Application**
 - Assess web applications for **server-side** and **client-side** vulnerabilities.
- **Network and Infrastructure Penetration Testing**
 - Perform external and internal network VAPT
 - Active Directory penetration testing
- **API collection Penetration Testing**
 - Perform assessments of REST, GraphQL, and SOAP collections and web services.
- **Development**
 - Develop Web Applications using **ReactJS** and **NodeJS**, with frameworks such as NextJS, RemixJS
 - Develop mobile applications with **Flutter** and **ReactNative**

Soft Skills

- Generate reports and technical documents for deliverables
- Handle client communications and provide presentations
- Train and guide juniors

Certifications

- Certified Blockchain Practitioner

Summary of completed projects

Sn.	Assessment Type	Projects Completed
1.	Smart Contract Auditing	8
2.	Web Application VAPT	27
3.	Mobile Application VAPT	15
4.	Network VAPT	17
5.	API VAPT	3

Work History

Mokshya Protocol (National Agency Security System Pvt. Ltd.)	
Security Researcher (Web3)	2024 - Present
<ul style="list-style-type: none">Conducted detailed audits of Solidity, Move, and Rust-based smart contracts.Identified critical vulnerabilities in Web3 protocols, ensuring contract integrity.Performed fuzzing and automated tests using tools like Slither, Echidna, and Mythril.Assessed the security of dApps, identifying logic flaws and API misconfigurations.Generated detailed reports and presentations.	
CryptoGen Nepal Pvt. Ltd.	
Offensive Security Analyst	2022 - 2024
<ul style="list-style-type: none">Web Application Penetration TestingMobile Application Penetration TestingNetwork Infrastructure Penetration TestingAPI Penetration TestingReport generation, presentations, and client communication	

Education

BSc (Hons) Cyber Security And Ethical Hacking	
Coventry University	2022
GCSE A-Levels	
Malpi Institute	2017

Notable Achievements

- Achieved **First Position** in national Hack the box leaderboards
- Speaker at OWASP Kathmandu relating to Web3 Security
- Financial rewards and bounty for security Web3 Projects

Links

- [GitHub](#)
- [Medium](#)
- [LinkedIn](#)