

Rajiv Shrestha

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[LinkedIn](#) | [Github](#) | [Portfolio](#)

Summary

I am a cybersecurity learner exploring the digital world, from networks and web applications to system vulnerabilities. I enjoy researching security threats, analyzing patterns, and finding practical solutions. My focus is on hands-on learning through labs, security challenges, and experiments, always aiming to understand how to make systems safer and more resilient.

Education

Bachelor of Information Management

KIST College & SS, Kathmandu (2023 - Present)

- Actively participating in hackathons and security training.

Intermediate: Edmark Academy, Kathmandu (2020 – 2022)

- Participated in inter-school community tournaments and student engagement activities.

Open Source Contributions and Hackathons

- **SAFE-MCP Security Framework** - Contributor
Nov 2025 – Present
 - Improved security documentation, detection rules, and applied core web/network security concepts.
 - Collaborated on best practices and gained experience in technical writing, project management, and version control.
- **Mitra Smart** - (100x Nepal Hackathon 2025)
 - Government document validation and smart form-filling applications.
 - Helped build AI-powered document checks and context-aware form-filling assistance.
- **Seekha Nepal** - (KIST HackFest 2025)
 - Developed an interactive learning platform for students to explore interests.
 - Integrated AI Chatbot and teacher enrollment system.

Certifications

- **12 days Microsoft office Package Training** – KIST College & SS
- **KIST FAIR 2081 – IT Project Competition (2nd)**
- **6 days Training On Fundamental of Java** – KIST College & SS

Skills

- **Technical Skills:**
 - Security & Networking: TCP/IP, Web Security, OWASP Top 10.
 - Tools & Platforms: Burp Suite, Nmap, Linux, Bash.

- Web Development: HTML5, CSS3, JavaScript, Java, PHP.
- **Soft skills:**
 - Verbal communication.
 - Time management and organization.
 - Problem-solving and critical thinking.
 - Research & Analysis.

Languages

- **English:** Fluent
- **Nepali:** Native

Interests

Penetration Testing, Network analysis and traffic experimentation and Reverse engineering