

Anand Keshari

Cybersecurity Enthusiast | Web Developer | Programmer

Contact Information

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GitHub: <https://github.com/anandksri>

Portfolio: anandkeshari.com.np

Summary

Passionate cybersecurity enthusiast and programmer with a strong foundation in ethical hacking, web development, and IoT projects. Adept at developing secure applications, working with embedded systems like ESP32 and Raspberry Pi, and teaching web development. Seeking opportunities to apply my skills in cybersecurity and software development.

Education

11th Grade | Science Stream

Himalayan Pyramid School/College, Birgunj-21

Technical Skills

- Cybersecurity: Ethical hacking, penetration testing, network security, cryptography
- Programming: C, Python, JavaScript, HTML, CSS
- Web Development: Responsive design, modern UI/UX, full-stack development
- IoT & Hardware: ESP32, Raspberry Pi, Arduino, embedded systems
- Operating Systems: Parrot OS, Kali Linux, Raspberry Pi OS
- Tools & Technologies: Nmap, Wireshark, Metasploit, Burp Suite, Git, Systemd

Projects

Secure IoT Notification System

Developed an ESP32-based device that sends Telegram notifications when the boot button is pressed. Integrated cloud-based messaging for real-time alerts.

Personal Portfolio Website

Designed and developed a fully responsive portfolio website showcasing my skills and projects. Implemented a hacker-themed effect for enhanced aesthetics.

Raspberry Pi VNC Remote Access Setup

Configured WayVNC on Raspberry Pi for remote desktop access.

Automated systemd services for seamless startup.

Experience

Freelance Web Developer

Designed and built multiple responsive websites with HTML, CSS, and JavaScript.

Taught web development basics to students, helping them create their first projects.

Cybersecurity Research & Ethical Hacking

Participated in TryHackMe's Advent of Cyber challenges.

Conducted penetration tests on local networks and improved security measures.

Certifications & Achievements

- Advent of Cyber (TryHackMe) Participant
- Cybersecurity & Ethical Hacking Workshops
- Robotics Program Project (Upcoming)
- Developed & Published Multiple Web Projects

Extracurricular Activities

- Member of a cybersecurity team working on ethical hacking and penetration testing.
- Regularly participate in Capture the Flag (CTF) competitions.
- Passionate about robotics and innovative tech projects.

Languages

- English (Fluent)
- Hindi (Fluent)
- Nepali (Native)

Availability

Open to internships, freelance opportunities, and cybersecurity research projects.