

VRUTANT RATNAPURE

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Profile

Motivated and adaptable cybersecurity enthusiast with foundational knowledge in Linux systems, networking, information security, vulnerability analysis, and reconnaissance. Hands-on experience with tools like Burp Suite and understanding of various injection attacks. Eager to apply my skills in a professional environment to contribute to organizational security while continuously learning and growing in the field of cybersecurity.

Professional Experience

12/2024 – present
Nagpur, India

Video Editor - Entrance Zone (Part-Time)

- Edit and enhance video content for educational platforms, ensuring high-quality production.
- Collaborate with the team to create engaging visual content for online and offline use.
- Sometime make a paper which is use in exams

present
Nagpur, India

Freelance Cinematographer & Video Editor

- Shoot and edit high-quality videos for various clients, including educational institutions and businesses.
- Work on post-production, color grading, and sound design to deliver professional visual content.

05/2023 – 06/2023
Koradi Power plant,
Nagpur, India

Internship Trainee

Trainee Engineer

- Assisted in **Balance of Plant (BoP)** operations and maintenance activities at a thermal power station project site.
- Gained practical exposure to **mechanical and pneumatic systems** used in material handling and bulk solids management.
- Observed and supported the installation, testing, and commissioning processes of **pneumatic conveying systems**.
- Learned about **site safety standards**, equipment operation, and preventive maintenance procedures.
- Collaborated with engineers to monitor system performance and ensure smooth plant operations.
- Developed teamwork, technical documentation, and problem-solving skills in an industrial environment.

06/2025 – 07/2025
Remote

Cyber Security Intern - Future Intern

Trainee Engineer

- Gained hands-on experience in **network security, system vulnerabilities, and ethical hacking techniques**.
- Performed **penetration testing** on web applications and analyzed system security using industry-standard tools.
- Worked on identifying and mitigating **common cyber threats**, including malware, phishing, and brute-force attacks.
- Implemented **encryption methods** and explored secure authentication practices to protect sensitive data.

- Developed understanding of **firewalls, intrusion detection systems (IDS), and secure socket layers (SSL/TLS)**.
- Documented findings, prepared technical reports, and recommended improvements for better system security.

07/2025 – 07/2025
Remote

Cyber Security Intern - ShadowFox

Trainee Engineer

- Participated in a **1-month virtual cybersecurity internship**, working on real-world security projects and simulations.
- Gained hands-on experience in **ethical hacking, vulnerability assessment, and threat analysis**.
- Conducted research and practical exercises on **network security, data protection, and penetration testing**.
- Completed tasks across beginner to advanced project levels, focusing on **incident response and risk mitigation strategies**.
- Collaborated with mentors through meetings and Q&A sessions to enhance technical and analytical skills.
- Delivered a **final project presentation (PPT)** summarizing findings, solutions, and security recommendations.

08/2025 – 08/2025
Remote

Cyber Security Intern - Prodigy Infotech

Trainee Engineer

- Completed a **1-month internship** focused on cybersecurity principles, ethical hacking, and system protection.
- Worked on practical tasks such as **password strength analysis, data encryption, and keylogging prevention techniques**.
- Conducted research and applied methods for identifying and mitigating **network vulnerabilities and malware threats**.
- Developed and implemented **secure coding practices** to enhance data integrity and privacy.
- Collaborated on real-time cybersecurity simulations to strengthen skills in **incident response and digital forensics**.
- Received **outstanding remarks** for technical performance, learning attitude, and project execution.

Skills

Cyber Security

Network Security, VAPT

Programming Language

C, C++, Python, DSA, Embedded C

Operating System

Windows, Mac, Linux

Security Tools and Technologies

Metasploit, NMap, BurpSuite, Wireshark

Soft Skills

Communication skills, Analytical Thinking, Problem Solving, Time Management.

Video Editing Platforms

Adobe Premier Pro, Adobe After Effect, Final Cut Pro

Education

08/2024 – present
Nagpur, India

Computer Science And Engineering (Cyber Security)

G H Raisoni Collage of Engineering (GHRCE) ↗

12/2024 – 01/2025

Cyber Security & Ethical Hacking

Skill India & NSDC (National Skill Development Corporation)

- Completed certified training focused on **network security, ethical hacking techniques, and data protection principles**.
- Gained in-depth understanding of **vulnerability assessment, penetration testing, and risk management**.

- Learned practical applications of **firewalls, encryption, malware analysis, and intrusion detection systems**.
- Developed a strong foundation in **cyber defense strategies** and ethical hacking **tools** for system protection.

08/2021 – 2024
Nagpur, India

Electronics & Telecommunication Diploma
G H Raisoni Collage of Engineering and Management ↗

2021
Nagpur, India

Secondary School Certificate
Angel Kids Convent ↗

Projects

Wrong Way Vehicle Detection System

Network Traffic Analyser

Caesar Cipher Tool

Pixel Manipulation for Image Encryption

Password Complexity Checker

Keylogger