Rajveer YogeshSinh Solanki

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Education

**D.Y Patil International University	B.Tech CSE**	October 2021 to Present
Cyber Security	pune, India
**MOUNT LITERA ZEE SCHOOL	12th**	June 2020 to July 2021
Science (PCM)	percentage: 61.6	D&NH, india
**V A MGM AMIN & VN SAVANI SCH	10th**	May 2018 to May 2019
	percentage: 70.4	killa pardi, india

Skills

Technical Skills	:	Penetration Testing , Ethical Hacking , Virtualization , System Monitoring , Threat Analysis , Linux-User
Programming Languages	:	Python , SQL , HTML/CSS
Tools	:	Nmap , Burp Suite , Snort , OpenVAS , John the Ripper , SQLMap , Metasploit Framework , wireshark packet analysis

Work

DY Patil International University , Web-Development Intern   June 2023 to July 2023
Pune, India
- Oversaw technical issues and troubleshooting requests to resolve user problems.
- Attended development programs to gain competencies and boost skill set.
- Used content creation tools and digital media to design websites.

DevSkill Hub, Cyber Security Intern   June 2024 to July 2024
Remote, India
- Self-motivated, with a strong sense of personal responsibility.
- Worked flexible hours across night, weekend, and holiday shifts.
- Analyzed problems and worked with teams to develop solutions.

Elevate LabsCyber Security Intern   July 2025 to July 2025
Remote, India
- Performed network and vulnerability scans to identify security risks.
- Configured firewall rules and assessed password strength.
- Prepared detailed security reports and remediation plans.

Projects

AUTOMATED PENETRATION TESTING TOOL
- Description: Python-based automated penetration testing tool performing network reconnaissance and vulnerability assessments with progress indicators and comprehensive logging
- Tools/Technologies: Python, Nmap, SQLMap, Network Security Testing

PHISHING DETECTION CHATBOT
- Description: Intelligent AI chatbot providing real-time phishing detection, URL analysis, and cybersecurity education
- Tools/Technologies: Python, scikit-learn, Random Forest, NLP, URL Analysis, Machine Learning, Social Engineering Detection

IMAGE STEGANOGRAPHY TOOL
- Description: Security application for hiding and encrypting text/files within images using LSB steganography with optional encryption
- Tools/Technologies: Python, PIL (Pillow), Cryptography (Fernet), Tkinter GUI, Base64 Encoding, LSB Steganography, AES Encryption

LOG FILE ANALYZER FOR INTRUSION DETECTION
- Description: Real-time security monitoring system analyzing Apache and SSH logs to detect brute-force attacks, scanning, and DoS patterns
- Tools/Technologies: Python, Flask, pandas, matplotlib, CSV Export, Web Interface Development

FAKE PRODUCT DETECTION SYSTEM USING AI/ML
- Description: Advanced machine learning web application detecting counterfeit e-commerce products using multi-weighted analysis algorithms
- Tools/Technologies: Python, Flask, scikit-learn, Naive Bayes, Beautiful Soup, NumPy, HTML/CSS/JavaScript, Tailwind CSS

Certifications

NPTEL : Introduction to Internet of Things	October 2024
NPTEL : Cloud Computing	October 2024
TryHackMe : Pre Security	December 2024
TryHackMe : Cyber Security 101	July 2025
Forage TATA: Cybersecurity Analyst Job Simulation	December 2024