

Pratham Verma

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

New Delhi , India

Skills

Technical Skills

- Penetration testing
- Web Application Security
- OWASP Top 10
- Secure Code Review
- Data Security
- Computer Networking
- Network Analysis
- Programming Languages: C, C++, Python, Java
- Data Structure and Algorithm (DSA)

Tools

- Metasploit
- BurpSuite
- Nmap
- Wireshark
- Linux OS
- Git
- GitHub

Projects

Web Application Firewall (WAF)

April 2024 - May 2024

Web Application Firewall (WAF) using machine learning technique to enhance security against prevalent threats like SQL injection and cross-site scripting (XSS) attacks. SQL injection and XSS vulnerabilities remain significant concerns for web applications, leading to data breaches, unauthorized access, and potential compromise of sensitive information.

Elliptic Curve Cryptography - [Link](#)

Feb 2024 - March 2024

Elliptic Curve Cryptography (ECC) is a powerful cryptographic technique widely used for securing data transmission, digital signatures, and key exchange protocols. This repository provides implementations to enhance understanding and application of ECC across different environments.

PingChat - [Link](#)

Nov 2023 - Dec 2023

PingChat is a Project that Based on chat application. This project focuses on providing seamless and real-time communication over a network, ensuring reliability and speed.

Experience

Web Security - Apprenticeship

Nov 2023 - present

Portswigger

Gaining hands-on experience , comprehensive training in identifying and mitigating web vulnerabilities. Skills - Owasp Top 10 , Web Security , Vulnerability Assessment.

Cyber Security Intern

Sept 2023 - Oct 2023

Senselearner Technologies Pvt.Ltd

Opportunity to gain valuable hand on experience and work on real world projects. Skills - All phase of ethical hacking , Chance to investigate multiples website and Report writing.

Education

Bachelor of Technology in Computer Science

Aug 2022 - Aug 2026

Galgotias University

High School

Mar 2019 - Mar 2021

Sri Lal Convent Sr. Sec. School