

Pradyumna Pandav

+91-9730575875 | pradyumna24pandav@gmail.com | [LinkedIn](#) | [GitHub](#)

3rd-year B.Tech Computer Science student with skills in C++, Git, Python, and data structures. Seeking opportunities to gain practical experience and contribute to cyber security based projects.

EDUCATION:

VIT Bhopal, India.

Nov 2022 - Ongoing

B.Tech., Computer Science Engineering specialization in cybersecurity and digital forensics

Coursework: DSA, DBMS, Fundamentals of AI and ML, Cyber Threat Analysis

SKILLS:

- C++
 - Python
 - Java
- Burp Suite
 - N-map
 - Metasploit
- Git
 - Metasploitable
 - Linux

PROJECTS:

BlockChain based Grocery Supply Chain Management System

May 2024

- Optimizing the process of supply than by developing Smart contracts
- Block Chain, Solidity. Ethereum, Smart contracts, HTML/CSS, React JS, Hardhat
- Team Project 5 Member
- Smart contract development in Solidity and Project report lead
- Project successfully runs on a test network, utilizing Hardhat nodes. The different modules of
- The project interacts with the smart contract.

Vulnerability Finder

Oct 2023

- Developed a security testing toolkit leveraging AI technologies like AutoGPT and Langchain to efficiently detect network and system vulnerabilities, enhancing security assessment capabilities for homes and offices.
- Integrated prompt engineering and seamless compatibility with security-focused Linux environments, ensuring ease of use for security professionals.
- Utilized GPT-3 via the Langchain library to automate vulnerability detection, analyze test results, and generate comprehensive security reports detailing vulnerabilities, severity levels, and remediation recommendations.
- Improved security workflows by providing actionable insights, streamlining vulnerability assessments, and supporting proactive network defense strategies.

PARTICIPATION:

Advent of Cyber 2024

Dec 2024

Mastercard Cybersecurity virtual experience program on Forage

May 2025

- Completed a job simulation where I served as an analyst on Mastercard’s Security Awareness Team
- Helped identify and report security threats such as phishing
- Analyzed and identified which areas of the business needed more robust security training and implemented training courses and procedures for those teams