Shreehari B Deshpande
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Summary

Computer Science Engineering student and a cybersecurity enthusiast with hands-on experience in offensive security, specializing in tool development, seasonal bug bounty player and vulnerability exploitation. Skilled in Python, C, JavaScript, and cybersecurity frameworks such as Metasploit, nmap, and RATs. Involved in mentoring roles and technical team contributions for CTF-based events. Developed independent projects including a fully undetectable backdoor, FTP cracker, and Information gathering tool.

EDUCATION

PES University   Bengaluru, India
Bachelor of Technology in Computer Science and Engineering   Expected graduation: June 2027
   CGPA: 7.84
   Awards: DAC Scholarship, Certificate for Mentoring in Code-Fusion Hackathon by IEEE.

MES BRS PU College   Bengaluru**,** India
Science in PCMB   *May 2023*
   Percentage: 84.6% in 12th.
   Awards: Elected and represented the Science department.

SKILLS

Programming Languages: Python, C, JavaScript, Java, HTML/CSS, Bash, PowerShell | **Frameworks:** React, Vue.js
Cybersecurity: Metasploit framework, msfvenom, nmap, RAT frameworks, routersploit, socket programming, Wireshark, Cisco Packet Tracer, NS2, meterpreter, OSINT, payload coding, bug bounty and CTF player
Proficient subjects: Computer Networks, Operating Systems, Data Structures and Algorithms, Web Technologies, Software Engineering, Database and Management Systems

EXPERIENCE

Independent Security Researcher   Bengaluru**,** India
Bug bounty researcher   *June 2025 – Present*
- Received NASA's Hall of Fame for reporting an informational P5-severe bug that disclosed their confidential satellite information.

Layer8 Club at PES University   Bengaluru**,** India
Core member, leading CTF team   *June 2025 – Present*
- Conducted a CTF workshop, and CTFs along with mentoring the research internship participants throughout the program and guided other members of the club for CTFs.

PROJECTS

Fully Undetectable Backdoor Implementation | *Independent project*
An undetectable remote shell implemented backdoor with custom commands to generate advanced stealthy remote code injection targeting Windows/Linux/MacOS. Seamless deployment of payloads and extracting files from the target machine using minimal commands.

FTP CRACKER | *Independent project*
Developed a multi-threaded FTP brute-force tool in Python supporting both dictionary-based and dynamic password generation, with custom character sets and password lengths for flexible attack strategies. Designed with command-line interface and threading for high-speed credential testing.

DEEP RECON TOOL | *Independent project*
An educational Python script that simulates a real-world information stealer by extracting saved Chrome passwords, clipboard contents, and system details to help students understand cybersecurity vulnerabilities, forensic techniques, and ethical hacking practices.

EXTRACURRICULAR ACTIVITIES

Part of IEEE SB and Layer8 clubs | Hosted multiple CTFs | Conducted a workshop on CTFs | University cricket team | Mentor for cybersecurity at ZTM club | Attended multiple hackathons

CERTIFICATIONS

[1] ***Complete Bootcamp in Ethical Hacking*** *certification by ZTM received from Udemy in March 2025.*
[2] ***Certificate of Appreciation*** *for mentoring and framing questions for a CTF Hackathon conducted by IEEE student club.*