Shreehari B Deshpande

+91 8277009043 | GitHub | LinkedIn | Portfolio

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 real-world applicable projects to validate skills.

EDUCATION

PES University Bengaluru, India

Bachelor of Technology in Computer Science and Engineering Expected graduation: June 2027

Awards: DAC Scholarship, Certificates for organizing CTFs and workshops.

SKILLS

Programming Languages: Python, C, JavaScript, Java, HTML/CSS, Bash, PowerShell | **Frameworks:** React, Vue.js, Typescript

Cybersecurity: Web hacking, Wi-Fi hacking, Malware development, Penetration testing.

Proficient subjects: Computer Networks, Operating Systems, Data Structures and Algorithms, Web Technologies, Database and Management Systems.

EXPERIENCE

Independent Security Researcher Bengaluru, India

Bug bounty researcher *June 2025 – Present*

- Received NASA's Hall of Fame for reporting a sensitive information disclosure 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.

ISFCR Club at PES University Bengaluru, India

Core member, leading CTF team *June 2025 – Present*

- Contributed to developing the official member's panel website and hosted CTFs for various events. Gained insights on bug bounty programs.

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*

Built a multi-threaded FTP brute-force tool in Python featuring both dictionary-based and dynamic password generation, allowing customizable character sets and lengths. Implemented a command-line interface and threading to enable efficient and flexible credential attacks.

DEEP RECON TOOL | *Independent project*

A Python-based educational tool that mimics real-world infostealers by extracting Chrome saved passwords, clipboard data, and system information to demonstrate cybersecurity vulnerabilities, digital forensics, and ethical hacking concepts.

SSH BOTNET | *Independent project*

Designed and implemented an SSH-based botnet controller in Python to manage remote devices, execute distributed commands, and simulate SYN flood-based DDoS attack for educational cybersecurity research.

EXTRACURRICULAR ACTIVITIES

Clubs: IEEE-SB, Layer8 and ISFCR | University cricket team | Mentor for cybersecurity at ZTM club | Music composing | Video editing | Elected as Head of the Science department in 12th | Conducted university level hackathons

LANGUAGES

- English, Hindi, Kannada – Highest proficiency
- German, Telugu, Marathi – Beginner proficiency