

Shreehari B Deshpande

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SUMMARY

A Computer Science student at PES University specializing in cybersecurity, penetration testing, and offensive security tool development. Experience includes working as an Offensive Cybersecurity Intern at Inlighn Tech and recognition in NASA's Hall of Fame for impactful bug bounty research. Independent projects feature an SSH Botnet, FTP Cracker, and Stealth Remote Access backdoor, showcasing expertise in vulnerability exploitation and ethical hacking. Active participation in CTF events, hackathons, and mentoring reflects strong technical skills, leadership, and contributions to the cybersecurity community.

EDUCATION

PES University

Bengaluru, India

Bachelor of Technology in Computer Science and Engineering

Expected graduation: June 2027

Awards: DAC Scholarships, Certificates for organizing CTFs, workshops and volunteering.

SKILLS

Programming Languages: Python, C | **Frameworks:** React, Vue.js, Typescript

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

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

EXPERIENCE

PESU I/O

Bengaluru, India

SME – Subject Matter Expert

October 2025 – Present

- Delivering expert-level training on core web security fundamentals to over 50 participants, maintaining the role of SME after a rigorous technical selection process.

Independent Security Researcher

Bengaluru, India

Bug Bounty Researcher

June 2025 – Present

- Recognized in NASA's Hall of Fame for contributing to NASA's cybersecurity through the responsible disclosure of a high-severity vulnerability.

Inlighn Tech Pvt. Ltd.

Bengaluru, India

Offensive Cybersecurity Intern

June 2025 – July 2025

- Developed and contributed to multiple industry-grade projects with mentors, including an SSH session hijacker, a port scanner, and other projects completed during coursework.

PROJECTS

Stealth Remote Access | 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.

Python-Based Command and Control (C2) Framework | Independent project

A lightweight Python C2 framework with Flask and custom agents to replicate red-team operations and penetration testing workflows.

Deep Recon | 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 | Conducted CTFs – University and National Level | Mentor for cybersecurity at ZTM club | Music composing | Video editing | Elected as Head of the Science department in 12th | Conducted multiple university level hackathons

LANGUAGES

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