Vedant Pillai

Panvel, Maharashtra

📞 +91-9136212428 ✉ vspillai0701@gmail.com 🔗 vedant0701 ⭘ Codewith-Vedant

EDUCATION

K. J. Somaiya Institute of Technology — November 2022 – June 2026
B. Tech in Computer Engineering - **CGPA - 9.0(Upto 6 Semesters)** — *Sion, India*
Specialization - Cybersecurity

WORK EXPERIENCE

SecurDefense, Pune | VAPT Intern, Remote — **April 2025 – October 2025**

- Conducted regular vulnerability scans of web applications, **identifying and reporting 15+ critical vulnerabilities including SQL injection and cross-site scripting (XSS) flaws,** enhancing the overall application security posture.
- Performed in-depth scanning with tools like Nessus, Nmap and **found 30+ open ports** and **5+ misconfigured services.**
- Resulted in a **80% reduction in attack surface** and **improved firewall configuration** within 48 hours of reporting.

SKILLS

- Network Protocols
- Python and Bash Scripting
- Linux
- Web Application Security
- VAPT
- Git & Github
- JavaScript
- SQL
- Burp Suite
- Nmap

ACHIEVEMENTS

Reported and resolved a Sensitive Data Disclosure Bug in IBM (Hackerone)	**July 2025**
Hall Of Fame in Duke University	**May 2025**
Hall Of Fame in World Health Organization	**December 2024**
Hall Of Fame in Elsevier	**November 2024**

PROJECTS

Git-Recon ⧉ | Python — **August 2025**

- Developed a **Python based OSINT tool** to scan public GitHub repos for exposed credentials.
- Identified **300+ API keys and 50+ plaintext passwords**, boosting recon effectiveness in pentests.
- Reported **5 valid sensitive API keys** successfully.

Python Keylogger ⧉ | Python — **July 2025**

- Engineered a **Python-based keylogger** to capture **keystrokes and clipboard data (e.g., Ctrl+C)** in Windows.
- Exfiltrated data via **POST requests to custom endpoints**, simulating real-world attack scenarios.
- Demonstrated **less than 1s latency** in real-time data transmission, highlighting critical endpoint security risks.

LeakFox ⧉ | Bash — **May 2025**

- Developed LeakFox, a high-speed tool for automated validation of API keys across 75+ major services.
- Achieved **98% detection accuracy with ¡10s validation time per key**, streamlining exposure analysis.
- Reduced **manual effort by 80%**, empowering security teams to act swiftly with minimal false positives.

CERTIFICATIONS

CAP v2 - The SecOps Group *(August 2025)* – **Percentage: 73%**	
Top 100 Certificate in GAH 2024 - CCoE Hyderabad *(August 2024)* – **Rank: 45**	
SC900 – Microsoft *(June 2023)* – **Percentage: 70%**	

PUBLICATIONS

- "**A Dual-Architecture hashing framework with Interleaved Block Mixing for Enhanced Security and Entropy**" – SPCSJ
- "**Web-Kavach: Shielding Your Digital Life**" – IEEE