



Vaishak T

B.E Computer Science and Engineering
Dr.N.G.P. Institute of Technology, Coimbatore
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GitHub Profile

LinkedIn Profile

PROFILE

Hello! I'm Vaishak T, a Cyber Security enthusiast with hands-on experience in tackling real-world security challenges. With a foundation in computer science and active participation in CTFs on TryHackMe, I excel in C, SQL, and Python. My projects, like advanced malware development and interactive PDF query applications, showcase my skills in low-level programming and AI integration. During my internship at Akshaya Tech, I gained practical knowledge in CCTV installation and troubleshooting, and experience with eSSL security devices. I'm committed to continuous learning and exploring new technologies and opportunities for collaboration.

EDUCATION

- Dr.N.G.P. Institute of Technology, Coimbatore** 2021 - Present
B.E Computer Science and Engineering CGPA: 7.6
- GRD - CPF** 2019 - 2021
Higher Secondary Education, TN Percentage: 82.2

EXPERIENCE

- TryHackMe** 2023 - Present
Capture the Flag Player Remote
 - Active CTF player on TryHackMe, tackling real-world security challenges and enhancing problem-solving skills.
 - Proficient in exploiting vulnerabilities and defending systems through hands-on exercises.
- Akshaya Technologies** 15 Days Jun 2024
Technical Support Engineer(Trainee) Coimbatore
 - Completed an internship at Akshaya Tech, learning CCTV installation and troubleshooting.
 - Gained hands-on experience with eSSL security devices, including guard patrol systems and fingerprint attendance systems like AI Pluto and AI Mass.

PERSONAL PROJECTS

- shaDocTalk** Jun 2024
An interactive tool powered by OpenAI's GPT-3 for querying PDF documents.
 - Tools & technologies used: Python, OpenAI API, APIs, Streamlit Framework
 - Upload PDFs, ask questions in natural language, and receive intelligent responses instantly.
- sha-xk-Shell-code** Dec 2023
ShellCode Injection using Win32
 - Tools & technologies used: Win32 API, C, C++, Malware
 - Malware exploration, showcasing techniques like Shellcode Injection, DLL Injection, and NTDLL implementation

TECHNICAL SKILLS AND INTERESTS

Languages: C, Python, SQL, JavaScript

Softwares and Tools: BurpSuite, WireShark, NMAP, OSINT, Adobe Photoshop

Penetration Testing:: Web Application (OWASP), Host (Windows , Linux), Network

Operating Systems: Windows, Linux (Ubuntu,Kali)

Soft Skills:Time management, Problem-solving, Teamwork, Creativity

Conceptual Knowledge: OS internals, Malware Analysis , Networking

Areas of Interest: AI, Video Editing, Cyber Security

CERTIFICATIONS

- YardStick**, Front End Apps with React Js July 2023
- TCM Security**, Linux Privilege Escalation for Beginners June 2023
- Coursera**, IBM Introduction to Cloud Computing June 2023

LEARNINGS

Proficient in cybersecurity through hands-on CTF challenges on TryHackMe, gaining practical skills in penetration testing and network security