HARISH. S

Software Developer

PERSONAL PROJECTS

CTF Challenges

- CTF Challenges Repository: Maintainer of a Capture The Flag (CTF) Repository that curates cybersecurity challenges from platforms like OverTheWire, VulnHub, TryHackMe, and HackTheBox to help learners enhance their ethical hacking & cybersecurity skills. (GitHub: CTF Challenges)

Cybersecurity Beginner Projects

- Cybersecurity & Software Development
  - Caesar Cipher Tool – Developed a GUI-based encryption & decryption tool using Python & Tkinter, implementing the classical Caesar Cipher algorithm.
  - Pixel Encryption System – Designed an image encryption tool leveraging pixel-level transformations with OpenCV, NumPy, and Tkinter for secure image encoding.
  - Password Complexity Analyzer – Built an automated security evaluator to assess password strength using Python & Tkinter, enhancing user authentication security.
  - Ethical Keylogger – Engineered a keystroke logging application for research & security testing purposes, demonstrating proficiency in system monitoring.
  - Network Packet Analyzer – Created a network traffic analysis tool using Scapy, enabling real-time PCAP file analysis for cybersecurity research.

WORK EXPERIENCE

Cybersecurity Content Creator

- YouTube Channel : **RockYou Channel**

  Producing informative cybersecurity content, including CTF write-ups, ethical hacking techniques, and security research.

Technical Writer

- Medium Blog : **Harish Sivaraman**

  Published cybersecurity articles on CTF write-ups, vulnerability research, and industry trends.

  Notable works include:
  - "Cygenix CTF 2024: The Encrypted Trilogy Writeup" – In-depth analysis of a challenging cryptographic challenge
  - "The Real Cause Behind Recent Windows & CrowdStrike Outages" – Explored a major industry-wide system failure.

CONTACT

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- linkedin

SKILLS

Hard Skills:

- Problem-Solving
- Web Development
- Graphic Designing
- Video Editing
- PC Build Assembling
- Cyber Security Research

Techniques:

- Creative Thinking
- Requirements Analysis
- Adaptability

Tools:

- Python
- React
- Figma
- Golang
- Adobe Photoshop
- Adobe Premiere Pro

EDUCATION

- **B.Tech CSBS** | SRI SAIRAM ENGINEERING COLLEGE – WEST TAMABARAM | **2022 - Current** | 7.49 CGPA

LANGUAGES KNOWN

- English
- Tamil