

Harish Sivaraman

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Portfolio — GitHub — LinkedIn — Medium — YouTube — CTFtime

Summary

Cybersecurity and open-source enthusiast with a deep passion for OSINT, automation, and Capture The Flag (CTF) challenges. Constantly exploring new techniques to gather actionable intelligence and automate complex workflows. Dedicated to contributing to the infosec community through knowledge sharing, research, and active participation in CTFs. Eager to leverage technical skills and creativity to solve challenging security problems and build impactful tools.

Skills

Languages: Python, Java, JavaScript, Golang

Frameworks & Tools: Flask, Celery, React, OpenCV, WebSockets, Docker

DevOps: Git, Postman, Linux CLI — **Creative:** Adobe Premiere Pro, After Effects

Projects

Video Analytics Platform

YOLOv11, Flask, Celery, React, WebSockets

Designed a real-time video analytics dashboard for object detection and heatmap tracking. Finalist at Cyberthon 2025.

GitHub Repo

RTO Lookup India

React, Netlify

Built a responsive single-page web app for quick RTO vehicle registration lookups across India. Implemented a clean, searchable UI with state and region code filtering.

Live Demo — GitHub

NatasX CTF Solver

Python

Created a full automation suite to solve all 34 levels of the Natas wargame. Demonstrates strong skills in HTTP session handling, regex parsing, logic flow, and web security exploitation.

GitHub

Experience

Content Creator – RockYou YouTube Channel

2023–Present

Produce tutorials and walkthroughs on cybersecurity tools, CTF challenges, and automation.

Education

B.Tech – Computer Science and Business Systems

2022–Present

Sri Sairam Engineering College, Chennai

CGPA: **7.53** / 10

Certifications

- 🌟 Udemy: Full-Stack Web Dev Bootcamp
- 🌟 NPTEL Elite: Computer Networks
- 🌟 LinkedIn: Hands-On React

- 🌟 NPTEL Elite: Programming in Java
- 🌟 NPTEL Silver: Cloud Computing

Internship

Shell-Edunet AI Internship

Apr 2025

Worked on AI-based sustainability tools using Python and Shell-provided datasets. Developed eco-focused ML models for efficiency improvement use cases.

Achievements

Finalist – Cyberthon 2025

NahamCon 2025 CTF – Ranked in Top 361 team globally (CTFtime)

Languages

English (Fluent), Tamil (Native)