Anirudh Ranganatha Prasad

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Experience

Stanford University Bug Bounty Remote
Bug Bounty Hunter

- Discovered a HTML Injection Bug in one of Stanford University's subdomains. Dedicated one month towards the program
- Manual testing and automated testing process

Cambridge University Bug Bounty Remote
Bug Bounty Hunter

- Discovered a JIRA misconfiguration in Cambridge University's website.

Splendour Medicare Technologies Coimbatore, Tamil Nadu - India / Remote
Software Developer 2020 - 2022

- Built an android application to the specifications of my client with Java while in high school
- Engineered an inventory management system for their raw material intake written in python and react

HackerSpace PES University
Club Head Aug 2023 - Present

- Oversight on development
- Systems development, Linux, WebDev, Cybersecurity, Low level development

ISFCR PESU PES University
Club Head, Teaching Assistant Feb 2023 - Present

- CTF Team member, currently at 3rd place nation-wide
- Mentoring students from 1st to 4th year in a hackathon and workshops
- Teaching Assistant for 4th year students for Ethical Hacking course

Skills

Bash:	Proficient in bash scripting with the ability to make short shell scripts for automation tasks
Linux:	Comfortable with Linux administration,comfortable with setting up servers and running tests
Pentesting:	Ability to run a full penetration test on a network, a server or a website and finding vulnerabilities
Python:	Scripting, custom malware, neural networks and encryption software, and custom networking tools
C/C++:	Malware, experience in debugging and reverse engineering and binary exploitation with assembly
Java:	Comfortable with android application development with Java
WebDev:	Backend web development, DevOps, html/css and JS
x86 Assembly:	Proficient in witing code in Assembly language for x86 architecture

Projects [More at github.com/Icarus131]

MalwareLabs *Python, Pickle, JavaScript* — https://github.com/Icarus131/MalwareLabs
A random forest machine learning algorithm to detect malware

Socketeer *Python, Linux* — https://github.com/Icarus131/Socketeer
Socketeer is a MiTM framework for attacks such as arp-spoofing, dns-spoofing and http-redirect

LazyBot *C/C++, ARM Assembly, Python, FreeRTOS*
A line following pick and place robot that uses IR sensors and a 3-DOF arm

IcarOS *x86 Assembly, C, Rust, Bash* — https://github.com/Icarus131/IcarOS
A small and simple os for x86_64, an ongoing osdev project

Activities

ISFCR Dean's Award PESU ISFCR
Finished 4th place in the ISFCR Crypto CTF 22 Oct 2022

Organized Hackathon for ISFCR PESU PESU ISFCR
Organized a university level hackathon as part of the core team of a cybersecurity club

Synapse State-wide Hackathon PESU ECE Department
Secured 4th Place State-wide in the Synapse hackathon and won the MVP award for building a line following pick and place robot. 27 November 2022

Web Security and Reverse Engineering Lecture IIITB
Organized a workshop and interactive session Aug 27 2023

Certified AppSec Practitioner SecOps
Successfully completed the Certified AppSec Practitioner exam from SecOps. May 19 2023