Anirudh Prasad

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EDUCATION

PES University	Bangalore, Karnataka - India
BTech Computer Science and Engineering	2022 - 2026

EXPERIENCE

Eclipse Labs — Remote
Developer & Documentation Engineer — Dec 2023 - Apr-2024
- Created and managed engineering documentation, programmed smart contracts in Rust and developed TS/JS components for the Eclipse Testnet and Mainnet. Worked with Solana, underwent code reviews.

PES University — PES University
CTF Team Member & Teaching Assistant — Feb 2023 - Jan 2024
- CTF Team member, was at 3rd place nation-wide. Mentored at hackathons
- Teaching assistant for classes for the final year students at PES University

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

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

SKILLS

Bash: Proficient in bash scripting with the ability to make shell scripts
Linux: Comfortable with Linux administration, 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 and custom networking tools
C: Malware, experience in debugging and reverse engineering and binary exploitation with assembly
Rust: Proficient in developing systems programs
WebDev: Backend web development, DevOps, html/css and JS, ReactJS
x86 Assembly: Proficient in witing code in Assembly language for x86 architecture
Smart contract programming: Proficient in Rust smart contract development for Solana
Binary Exploitation and Rev Engg.: Familiar with tools like Ghidra and Radare

PROJECTS [MORE AT GITHUB.COM/ICARUS131]

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

Merkle Trees *Rust* — https://github.com/Icarus131/merkle-integration
A merkle tree implementation for ZK proving circuits written in Rust

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

Nexus Framework *Golang, C* — https://github.com/Icarus131/nexus-framework
A C2 server interfacing software written in Golang

Kernel Module *C* — https://github.com/Icarus131/ptree-kernel-module
A rudimentary kernel module written for Linux Kernels to understand fundamentals

Raycaster Engine *Python, Pygame* — https://github.com/Icarus131/boomcaster
A raycaster engine written using pygame in python

ACHIEVEMENTS

Organized Hackathon for ISFCR PESU — PESU ISFCR
Organized a university level hackathon as part of the core team of a cybersecurity club and also came 4th in CTF

Web Security and Reverse Engineering Lecture — IIITB
Gave a talk at IIITB about web security and reverse enginering binaries — Aug 27 2023

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

Hashcode Hackathon — PIL
Won 1st place in statewide hackathon and recieved Rs. 50k — 10 Mar 2024