ANIRUDH PRASAD

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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.

ISFCR 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
- 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

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, neural networks and encryption software, and custom networking tools
C/C++: Malware, experience in debugging and reverse engineering and binary exploitation with assembly
Rust: Proficient in developing systems programs
Java: Comfortable with android application development with Java
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
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, Bash*   https://github.com/Icarus131/IcarOS
A small and simple bootloader for x86, an ongoing osdev project
Raycaster - Boom *Python, Pygame*   https://github.com/Icarus131/boomcaster
A raycaster engine written using pygame in python
Nexus Framework *Golang, C*   https://github.com/Icarus131/nexus-framework
A C2 server interfacing software written in Golang

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