

# ANIRUDH PRASAD

Bangalore, India · anirudhprasad131@protonmail.com · <https://icarus.codes>

## EDUCATION

PES University  
BTech Computer Science and Engineering

Bangalore, Karnataka - India  
2022 - 2026

## EXPERIENCE

### Eclipse Labs

*Developer & Documentation Engineer*

Remote

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

*CTF Team Member & Teaching Assistant*

PES University

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

*Bug Bounty Hunter*

Remote

- 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

*Bug Bounty Hunter*

Remote

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

### Splendour Medicare Technologies

*Software Developer*

Coimbatore, Tamil Nadu - India / Remote

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 engineering 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