

# ANIRUDH PRASAD

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

## EDUCATION

### PES University

BTech Computer Science & Engineering

Bengaluru, India

2022 - 2026

## EXPERIENCE

### Movement Labs

Remote

*Systems Engineer - III*

Dec 2024 - Present

- Working on building out the cross-blockchain atomic bridge for the Movement network. Involves deep understanding of distributed systems, low level systems and Rust.
- Working on building the metrics and telemetry pipeline for the entire blockchain network

### BugCrowd

Remote

*Security Researcher*

Dec 2024 - Feb 2025

- Hacked NASA - Received official acknowledgement from NASA stating that I found a critical flaw in their system

### Eclipse Labs

Remote

*Developer*

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

*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

### Independent Security Researcher

Remote

*Security Researcher*

- Discovered a HTML Injection Bug in one of Stanford University's subdomains.
- 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

## SKILLS

SysAdmin:	Bash, Linux, Shell Scripting, Server Setup, testing, DevOps
Languages:	C, Rust, Python, JS, ReactJS, Golang, x86 Assembly, Solidity, OCaml
Security Engineering:	Pentesting networks and web applications, Reverse engineering
Systems Engineering:	Malware development, binary exploitation and kernel reverse engineering. Ghidra, R2

## PROJECTS [MORE AT [GITHUB.COM/ICARUS131](https://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

### Yocto OCaml, LLVM

<https://github.com/Icarus131/Yocto>

A simple compiler written in OCaml

### Nexus Framework Golang, C

<https://github.com/Icarus131/nexus-framework>

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

**Hacked NASA** - Acknowledged Directly By NASA -

NASA

**Organized Hackathon for ISFCR PESU** - 3rd Nationwide - representing ISFCR Team -

PESU ISFCR

**Web Security and Reverse Engineering Lecture** - Gave talk about web and game hacking -

IIITB

**Certified AppSec Practitioner** - Wrote and obtained cert -

SecOps

**Won Hashcode Hackathon** - Came first place and won INR 50k - PIL [Formerly Microsoft Innovation Labs]