

Pranav Krishna M

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Education

Amrita Vishwa Vidyapeetham, B.Tech in Computer Science
• CGPA: 8.83/10.0

Oct 2022 – Current

Experience

Exodus Intelligence: 0-day Research Intern (July 2025 - Current)

[US - Texas](#)

- Enhanced the Fuzzilli fuzzer by identifying and debugging crash outputs, contributing to improved reliability and crash triaging.
- Conducting V8 engine research and actively integrating differential fuzzing techniques to uncover deeper JavaScript engine bugs.

Traboda: Security Research Intern (August 2024 - March 2025)

[Kerala](#)

- Researched browser vulnerabilities and reproduced V8 exploits; also designed CTF challenges and led workshops on security topics.

Global CyberSecurity Camp 2025: Selected Delegate

[Taiwan](#)

- Selected as a delegate for an international cybersecurity training program representing Team India; focused on OT Security, Kernel Exploitation, and Automotive Security.
- Built SSO Tracker, a Chrome extension to track SSO logins, display session history, and alert users to session activity. Won first prize and received a CREST exam voucher.

ICPC Regional Finalist

[Kollam](#)

- Qualified for the ICPC Regionals in sophomore year, representing Amrita Vishwa Vidyapeetham under the guidance of [Dr. Jayakumar](#)

Projects

Pwn Collection

[github/pwn-hub](https://github.com/pwn-hub)

- Curated an open-source repository of stack, heap, and browser exploitation techniques to help beginners jump-start their journey in binary exploitation.

bi0s CTF 2024

[ctftime/bi0sCTF24](https://ctftime.org/bi0sCTF24)

- Designed an Android challenge to exploit the dynamic memory allocator bug via the WebView interface, contributing to a strong competition score of 95.48/100 on CTFtime.org. Documented the results in a [blog post](#).

CTF Managing Bot

[github/bot](https://github.com/bot)

- Developed a Discord-based CTF management bot with MySQL backend to track solves, share challenge data, and coordinate team efforts in real-time.

Achievements

2025 Achievements:

justCTF (infobahn) : Rank 2
GCC 2025 : Best Project Award

2024 Achievements:

RVCE-IITB CTF : Rank 3 (2 person team)
VolgaCTF Quals* : Rank 2 (globally)

2023 Achievements:

SquareCTF* : Rank 5 (globally) and Rank 1 (India)
crewCTF* : Rank 7 (globally) and Rank 1 (India)

2022 Achievements:

niteCTF (ARESt) : Rank 1
FooBar CTF (ARESt) : Rank 1

2019 Achievements: InCTFj National CTF – Winner: The premier cybersecurity CTF for high school students.

*: Part of team bi0s

Community Outreach

- Led a school workshop covering pwn, web exploitation, forensics, and CTF-driven cybersecurity learning. [TN](#)
- Directed an SSR initiative to introduce students to open source and foundational cybersecurity practices. [Kerala](#)

Technical Skills

Memory Corruption: Stack/ Heap exploitation, Race Conditions, Type Confusion, and WebAssembly Exploitation

Languages: C/ C++, x86 Assembly, JavaScript, Python, Swift, Bash Scripting

Tools: IDA, Ghidra, Pwntools, Radare2, Binary Ninja, Docker, QEMU, GDB