

Niranjhan SU

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Professional Summary

Niranjhan SU is skilled in C/C++, Python, Java, and web technologies, he has experience with Flask, Django, MongoDB, and cybersecurity tools like Ghidra and Burp Suite. He has hosted successful CTF events and secured top 1% in TryHackMe and podium finishes in multiple CTFs. He is passionate about problem-solving, cybersecurity, and software development.

Education

Shiv Nadar University Chennai

B.Tech in Computer Science and Specialization in Cyber Security

Aug 2023 - Present

GPA: 8.5/10

Technologies

Languages: C++, C, Java, Python, JavaScript, TypeScript

Technologies: GDB, Valgrind, Ghidra, Flask, Android Studio, Github, Linux, Godot, BurpSuite

Projects

Lox - Interpreter [↗](#)

- An interpreter for the Lox programming language, following Robert Nystrom's Crafting Interpreters Book.
- Learnt many design patterns like visitor pattern, scoping, control flow, and algorithms to write fast and efficient code.
- Tools Used: Java, Make, C

Wombra - Webnovel Viewer for Web and Mobile [↗](#)

- Developed a web and mobile app to scrape and display web novel content offline.
- Tools Used: Android Studio, Kotlin, Beautifull Soup, Flask

Fou - Terminal Text Editor [↗](#)

- Fou is a text editor that leverages data structures such as piece table to function as a text editor in your terminal, like vim. I learnt how to handle when the UI and the data differ and memory management.
- Tools Used: C, Make

Awards and Experiences

Volunteer

YRC, CC

SNUC

Aug 2023 - Present

- Volunteered in YRC wing of SNUC for 80+ hours.
- Volunteered to host Cryptic Cadavers, a CTF by the Dept. of CSE during Invente, the college tech fest.
- Hosted EditaCTF 2.0 with the Coding Club, where we got about 20% of the student body of 1st and 2nd years to participate and introduce CTFs to them.

Top 1% Global Ranking on TryHackMe [↗](#)

TryHackMe

2nd Place - Enigma Quest CTF [↗](#)

SSN - 01 Mar 2024

3rd Place - Password CTF [↗](#)

VITC - 29 Jan 2024

Certificates

Social Networks - NPTEL [↗](#)

- Learnt about the different aspects of social interaction between people.
- Graphed out to run algorithms to find patterns and intricacies that come up.

Programming in Modern C++ - NPTEL [↗](#)

- Top 5% of course takers.
- Learnt about the C++, its intricacies like smart pointers, OOPS concepts, and its use cases.