





Niranjhan SU

Github: github.com/DrunkenCloud 

Portfolio Website: niranjhansu.vercel.app 

Email: niranjhansu@gmail.com 

LinkedIn: [@niranjhan-su](https://www.linkedin.com/in/niranjhan-su) 

Mobile: +91 8122152806 


Education

B.Tech in Computer Science (Specialization in Cyber Security)

Shiv Nadar University Chennai, Semester I to III

Point of Contact for Cyber Security Vertical of Coding Club

Aug 2023 - Present

CGPA - **8.53** 

Experience

Software Development Intern - Maheswari Electrical Agency

June - Present 

- Developed and maintaining a **Shopify app** focused on customer retention and engagement, including features like **Vapi-AI powered follow-up calls** with MCP connections to shopify stores.
- Developed software alternatives to paid messaging services, saving an estimated **1,00,000 INR** for the company.
- Built a **microservice-style API** that uses **browser use**, to extract data from online stores such as promotions.

Course Development Intern - FISST Academy

June - Present 

- Developed **two comprehensive cybersecurity modules** with **25+ hands-on labs** spanning **40+ Hours**, covering blockchain-based secure authentication and ransomware analysis and detection using machine learning.
- Architected **automated lab environment setup** using shell scripts, enabling seamless deployment.
- Implemented **ransomware detection systems** achieving **high accuracy** on **200MB+ malware datasets**.

Contributor - Ankidroid

Apr 2025 - Present

- Fixed **memory leaks** within the Android application located in page fragments and TTS Engine using **LeakCanary**.
- Rewrote code to remove a **deprecated annotation** to align the codebase with modern standards.

Projects

ScheduleMaker - Timetable Generator and Editor (*TypeScript, Next.js, Node.js*)

- Created the **back-end** for an automated **timetable generator** to address the university's timetable creation challenges.
- Reduced** timetable creation time by **more than 90%** and supports editing of lectures in generated timetables.
- Developing an **algorithm** to tackle complex scheduling constraints such as **balancing** faculty timing requirements and availability, **lab availability**, and incorporates **locking features** for fixed sessions.

Clox and Jlox - Lox Language Interpreters (*Java, Make, C*)

- Developed complete **Lox language interpreters** from scratch, implementing **Lexers, Parsers, and Compilers**.
- Successfully integrated advanced language features like **OOPS, closures, lexical scoping, and recursion**.
- Conducted **low-level profiling** to identify bottlenecks and implemented optimizations, improving performance.

Welt - Webnovel Viewer (*Android Studio, Flask, PyQt, BeautifulSoup*)

- Developed **cross-platform applications** to scrape web-novels using BeautifulSoup and store them to read offline.
- Created an interface specifically optimized for **long-form reading** with detection for downloading missing chapters, thus preserving content even when removed from original sources, and synchronization for reading progress.

Technical Skills


Languages: C, C++, Python, Java, Kotlin, TypeScript, Javascript, Shell Script, Go

Frameworks & Libraries: Flask, Django, FastAPI, Playright, puppeteer, Selenium, PyQt, Express.js, Socket.io

Technologies: Git, Make, Android Studio, GDB, Valgrind, SQLite, PostgreSQL, MongoDB, Firebase, Shopify

Certificates: **Programming in Modern C++ (NPTEL)**  - Ranked in the **top 5%** of Course Takers.

Awards and Achievements

Contest Knight with a Rating of **1853** and more than 600 problems solved on LeetCode 


LeetCode

Top 1% Global Ranking, and **more than 100 Rooms** solved on TryHackMe 

TryHackMe

Hackathon Finalist - Envithon 2024 (SNU Hackathon), Devhouse 2025 (VITC Hackathon)

2024 - 2025

Completed all the Challenges in Advent of Code 2024 

Advent of Code

Co-founded a Capture The Flag team **Team Edita**,  participating in cybersecurity competitions.

Sept 2024 - Present

Co-organized multiple CTFs, including **EditaCTF 2.0**,  achieving **100+ participants**.

5th February 2025