

ANEESH SAMBU

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Education

International Institute of Information Technology, Hyderabad **Expected May 2027**
B.Tech + MS by Research in Computer Science and Engineering: CGPA - 8.05 *Hyderabad, India*

Neil Gogte Institute of Technology **Transferred May 2023**
Bachelor of Engineering in Computer Science: CGPA - 8.65 3-Semesters *Hyderabad, India*

Experience

Technology Program Intern **May 2026 – July 2026**
Wells Fargo *Hyderabad, India*

- Working as a Technology Program Intern contributing to enterprise software development initiatives.

Undergraduate Researcher **March 2024 – Present**
SERC, Software Engineering Research Center *IIITH, Hyderabad*

- Accepted to present a main track research paper at the 23rd IEEE ICSA 2026 (A-tier conference).
- Published [research paper](#) at SAGAI workshop co-located with ICSA conference as one of the main authors.

Summer Intern **May 2024 – July 2024**
Smart City Living Lab *IIITH, Hyderabad*

- Worked on maintaining and developing features for City IoT Operating Platform ([ctOP](#)).

Intern **January 2024 – April 2024**
VILS AI *IIITH, Hyderabad*

- Created a frontend interface for "HR-Buddy", an AI-powered talent management platform.

Projects

WhyPY | [GitHub](#) | [Deployment](#) | *Python*

- Worked on a custom programming language to understand the world of interpreters.
- Implemented lexical analysis, parsing, and evaluation components to support the language's functionality.

Network File System | [GitHub](#) | *C, Socket Programming*

- Collaborated on a socket programming project that emulates a client-server relationship to enable operations on files.
- Supported operations included creating, editing, deleting, and transferring files, with the added functionality of creating backups in case of server failure.

Custom GFS Implementation | [GitHub](#) | *Python*

- Engineered a custom implementation of the Google File System (GFS) to understand distributed file system architectures.
- Focused on scalability, fault tolerance, and high aggregate performance across multiple storage servers.

goLLab Editor | [GitHub](#) | *Go, Python, gRPC*

- Created a collaborative document editor utilizing a client-server architecture with gRPC for communication.
- Features include multiple users to edit documents simultaneously with real-time synchronization.

Custom Shell | [GitHub](#) | *C*

- Implemented a shell from scratch, using C code. All functionalities of the shell can be found in the project link.

Technical Skills

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

Frameworks & Libraries: React, Node.js, Svelte, FastAPI, Express.js, Selenium

Databases: MongoDB, SQL

Technologies & Tools: Git, Docker, gRPC, Socket Programming, REST APIs, Distributed Systems

Achievements & Extracurricular

2nd Position - [HackIIIT](#): Secured 2nd position in the annually held HackIIIT hackathon regular track at IIIT Hyderabad.

Tech Team Member: Worked as Web-Admin for Clubs Council at IIIT Hyderabad. [Profile link](#)

Boring Blog: Author of "The Boring Blog," a personal blog. [Blog link](#)