

Academics

| | |
|---------------------|--|
| 2021-present | <i>B.Tech. in Industrial and Systems Engineering - Indian Institute of Technology, Kharagpur</i> |
| CGPA | 9.12 |
| 2021 | <i>Joint Entrance Examination, Advanced</i> |
| AIR | 3884 |
| 2020 | <i>Higher Secondary School Certificate Examination, CBSE</i> |
| Percentage | 95% |
| 2018 | <i>Secondary School Certificate Examination, CBSE</i> |
| Percentage | 96.4% |

Projects

• GSYNC

Developed in *BASH*, gsync is a script which enables a ***nix** (*Linux and Unix*) user to automate my **self-devised process** of *syncing* files and folders from their local system *to GitHub* in *real-time* in a sophisticated manner as a **service** along with **colored-logs-management**.

• Code_Runner

Developed in *BASH*, code-runner is a tool which *eases* a ***nix** (*Linux and Unix*) user in many ways *during the process* of **compiling** and **executing** their code written in various *supported* languages. Mentioning out some of them: **determining the version of python** (*90% accurate*), **single command to compile and run** code, **supports files with spaces in their name**, **cleans out compiled binary** after execution by-default if not commanded to not to do so, **vim and vs-code keybindings** maintaining the development flow, integrated **debugging mode**.

• OWN YouTube

YouTube has turned into a *binge watching* and *addictive-content consumption* platform which unwillingly wastes our huge chunk of daily time. OWN YouTube is an **extension** developed using *Javascript, HTML* and *CSS* to tackle this exact problem by enabling user to **disable shorts, trending, recommendations** and whatever visible exists in the YouTube's front-end along with **blocking ads** and adding a few functionalities like customised **video-speed-controller** exceeding the *2x limit* set by YouTube.

• Github OpenSource Projects

Worked on a lot of opensource projects: [whapc](#), [spg](#) and [many more](#).

Technical Skills

| | |
|-------------------------|---|
| Languages | C, C++, Java, Bash, HTML, Python, Javascript, Nix-Lang, Lua |
| Data Storage / Handling | MySQL, MongoDB, PostgreSQL |
| OS Platforms | Unix(FreeBSD, OpenBSD, Solaris-8,9,10 and MacOS X), Linux 5/6 (Debian, Fedora, CentOS, Arch, Gentoo and many of their derivatives), Windows (7, 8, 8.1 and 10), NixOS |
| Others | Latex, Penetration-testing(Red Teaming and Blue Teaming), System Administration and Server Management (Linux, Unix and Windows), Git and GitHub |

Technical Skills

- **Co-Founder, Cybernity**: Created a community during my JEE preparation to spread the "real" ideology of cybersecurity (aka hacking) and helping (teaching and guiding) people the correct way to approach and learn in this field.
- **Core-Team Member, KOSS IIT Kharagpur**: Responsible for promoting and maintaining open-source culture and contributing to tools (campus-centric) such as feedback-automator, and timetable manager.

Relevant Coursework

(T)heory and (L)aboratory

| | |
|-----------|--|
| Completed | Programming And Data Structures (T/L) Linear Algebra (T) |
| Ongoing | Probability and Statistics (T) |