

## Academics

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

## Projects

### • KWoC Stats API

Worked on Stats generation API for **KWoC** in **golang** with **Postgresql** as database via *gorm* to fetch the contributions made by the participants during the event. Also worked with **MongoDB** via core-drivers for it in golang on a private project.

### • 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	Golang, Bash, Python, C, C++, Java, JavaScript, LaTeX, Nix-Lang
Data Storage / Handling	PostgreSQL, MongoDB
OS Platforms	Nix OS, Unix(Free BSD, Open BSD, Solaris-8,9,10 and MacOS X), Linux 5/6 (Debian, Fedora, CentOS, Arch, Gentoo and their derivatives), Windows (7, 8, 8.1 and 10)
Others	BackEnd Development, Object Oriented Programming, Penetration-testing(Red Teaming and Blue Teaming), Git and GitHub

## Activities & Leadership

- **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; contributing to tools (campus-centric) such as feedback-automator, [FERP](#), and [timetable manager](#) and successfully organising KWoC-22 ([Kharagpur Winter Of Code](#)) a month long event for promoting open-source development with 1.2k+ participants.

## Relevant Coursework

(T)heory and (L)aboratory

Completed	<a href="#">Programming And Data Structures (T/L)</a>   Linear Algebra, Numerical and Complex Analysis (T)   DIY (L)   Basic Electronics (T/L)   Probability and Statistics (T)   Operations Research-I (T)
Ongoing	Operations Research-II (T/L)