Arpit Bhardwaj

Mathura, India

 proffapt.me

 proffapt

 proffapt@pm.me

 proffapt

Academics

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

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	Nix-Lang, Python, C, C++, Java, Bash, Golang, Javascript
Data Storage / Handling	PostgreSQL, MongoDB
OS Platforms	NixOS, 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)
Others	BackEnd Development, Latex, Penetration-testing(Red Teaming and Blue Teaming), 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; contributing to tools (campus-centric) such as feedback-automator, fERP, and timetable manager and successfully organising KWoC-22 (**Kharagpur Winter Of Code**).

Relevant Coursework

(T)heory and (L)aboratory

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