Aditya Vikram Singh
xypnox

🌐 xypnox.com
⌨ xypnox
🐦 xypnox

✉ xypnox@gmail.com
📞 +91-8370955554

Education

2017-2022 Expected	M.Sc. (5 year) in **Physics** **Indian Institute of Technology**, Kharagpur	**GPA**: 7.51/10

Technical Skills

Programming	*Proficient:* Javascript, Python, Sass
	Competent: C, C++, Elm, Rust
Libraries / Frameworks	Flask, Requests, React, Elm-UI
Systems / Platforms	Git, Heroku, Linux, Image Manipulation, Blender

Work Experience

July 2020 Sept 2020 — **Fullstack Intern** — **Fifthtry**
- Interned as a Fullstack developer for Fifithtry, a tech startup aiming to revolutionize documentation.
- Programmed in Rust for the backend and Elm for frontend using the open source framework Realm.
- Also contributed to the core development of the Realm web framework.
- Impelmented analytics and core features of the product, with testing and design.

May 2019 July 2019 — **Frontend and Design Intern** — **FinBox**
- Designed and Created the website (finbox.in) of FinBox
- Organized Design Sprints to target specific audiences, including customers, job applicants, media etc.
- Started from scratch with UI/UX to develop a unique brand identity for the company.
- Built with React-Static, a static site framework. Made personalized Icons and Illustrations with animations

Sept 2018 May 2019 — **Asst. Tech Coordinator** — **Technology Students' Gymkhana, IIT Kharagpur**
- Created the main Gymkhana website
- Worked on the frontend of the Gymkhana Blog

Projects

TodXpy	Created a command line todo application which focuses on simplicity and usablity.
ePurifier	Created a command line tool to sanitize csv files containing emails.
Gymkhana Website	Worked on the newer version of Gymkhana website.
Kronos	Shows previous semester's grade distribution in a graph.
Gyft2	Generate Google calendar from students's time table on ERP.

Hackathons & Competitions

Dec 2019 | MARG   Inter-IIT Tech Meet '19'
● Won the Gold Medal in Inter-IIT Tech Meet 2019 in the Coding Hackathon competition.
● Monitor Assess Report Guide : A portable device friendly application for citizens to assist in reporting a damaged road that requires attention, emergency situations (roads unfit for travel) and provide feedback on ongoing construction projects.
● Worked on UI/UX and handled the entire Frontend development of the Application. Being a PWA it utlized the WebAPIs for Camera and Location.

Positions of Responsibility

2019-2020 | Executive Head   Kharagpur Open Source Society
● As an Executive Head, organized and lead workshops for Python, Ubuntu, Git etc. as a way to promote Open Source in IIT Kharagpur.
● Organized and Mentored in Kharagpur Winter of Code, a month long winter workshop for students to guide them in contributing to Open Source projects with 2000+ registrations across 75+ colleges.
● Managed the website and blog of KOSS in Hugo, also made several posters for events from scratch.

Extra Curricular Activities

● Personal website/Portfolio at xypnox.com. The site is pure HTML5 and SASS, with no templates. The focus is on speed and minimalism.

● Created a Geometric Modern font derived from Aileron. Made with FontForge, exported to OTF format. github.com/xypnox/oliver

● At IIT KGP, have been a part of several groups/societies/clubs' design team and created posters for them posters.xypnox.com.

● Contributed to several Open Source projects, Github profile at github.com/xypnox.

● Maintain a personal blog at xypnox.com/blag. Made with Zola, a static site generator with my own personal theme.

● Have some of the UI/UX and design work showcased at behance.net/xypnox