

# CHIRAG GHOSH

☎ +91-8018212895 ✉ cghosh828049@gmail.com in cghosh828049 🌐 chirag-ghosh 📄 chiragghosh.me

## EDUCATION

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**Indian Institute of Technology, Kharagpur**

*B.Tech in Computer Science and Engineering - CGPA - 9.24*

**2020 – 2024 (Expected)**

*Kharagpur, West Bengal*

## INTERNSHIPS

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**Mello**

**Front-end Intern** | Javascript, React Native, React, vite

**March 2022 – June 2022**

*Bengaluru, India*

- Built the client-side react-native Android app using UI-kitten and added reels and live class functionality using mux.
- Built a modern, custom designed and intuitive admin side dashboard with video-conferencing feature using react.
- Moved from CRA (Webpack) to Vite and ESbuild resulting in faster dev mode reloads while using less resources.

**Project-IAS**

**Full Stack Intern** | ReactJS, Node.js, MongoDB, MeiliSearch, AWS

**August 2021 – October 2021**

*Remote*

- As a full-stack developer intern, I built the website bringing 400+ active users and generated 8k+ revenue. The front-end was in react while the back-end was in node.js using mongoDB all hosted in AWS.
- Built a search-engine powered by Meilisearch for IAS aspirants along with personalised learning tracker and revision reminder system based on spaced repetition in a subscription-based payment model.

## PROJECTS

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**Go-space** | Golang, Slack API

**May 2022**

- Created a slack bot which uploads images from slack workspace to imgur to save slack workspace storage.
- Used fiber as webserver and go coroutines for various tasks making the service fast and more reliable.

**SaasiFi** | Typescript, ReactJS, Styled-Components, Nivo Graphing Library

**March 2022**

- Part of the **Gold winning** IIT-KGP team for Digital Alpha's sec filing analyzer high-prep Inter-IIT event.
- Build the dashboard from scratch using React and Nivo to display insightful and concise sec filing trends.

**TSG Website Hackathon** | ReactJS, Sass, Node.js, PostgreSQL, AWS

**December 2021 – January 2022**

- Made KGP-Verse, an all-in-one solution to a student's academic and extra curricular information.
- Worked in a group of 8 to create a full-stack application using React, Node and PostgreSQL in 2 months.
- Used AWS S3 to store student documents and hosted the API in AWS EC2 with PM2 load-balancer.
- Used git/github to collaborate together and setup automatic deployment using Github Actions and Netlify.

## TECHNICAL SKILLS

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**Programming Languages:** JavaScript, Java, C, C++, Golang, Python

**Web Technologies/Frameworks:** ReactJS, React Native, NextJS, Node.js, Express, Selenium

**Databases:** MongoDB, MySQL, PostgreSQL, Meilisearch

**Platforms/Tools:** Git, Linux, Docker, Nginx, Android Studio, Figma

## EXTRACURRICULAR

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**Kharagpur Open Source Society**

*Core Team Member*

**June 2021 – Present**

*Kharagpur*

- Organised **Kharagpur Winter of Code**, a month-long event for encouraging Open Source contributions.
- Organised workshops on Git/Github, Linux shell scripting, Python, GSoC for students of IIT Kharagpur.