



EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2024	B.TECH	IIT Kharagpur	9.23 / 10
2020	AISSCE	DAV Public School, Chandrasekharapur	97.2%
2018	ICSE	St. James' Convent School, Jaleswar	95.8%

COURSEWORK INFORMATION

- Programming and Data Structures
- Software Engineering
- Algorithms-I
- Formal Language and Automata Theory
- Discrete Structures
- Switching Circuits and Logic Design

SKILLS AND EXPERTISE

- **Programming Languages / Frameworks:** C, C++, Java, JS, HTML, CSS, Node, Golang, Python, React, React Native
- **Tools:** Git, Github, Docker, Android Studio, Canva, Figma, Adobe Premiere Pro

INTERNSHIPS

- Project-IAS** August 2021 - October 2021
ReactJS, NodeJS, MongoDB, MeiliSearch, Razorpay API
• As a full-stack developer intern, I single-handedly built the website bringing 400+ active users and generated 8k+ revenue. The front-end was in react while the back-end was in nodejs 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.
- Mello** March 2022 - June 2022
Typescript, React Native, React, Vite
• 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.

PROJECTS

- Go-space** June 2022
Golang, Slack API
• 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.

COMPETITION/CONFERENCE

- Saasify** March 2022
Typescript, ReactJS, Styled-Components, Nivo Graphing Library
• Part of the **Gold winning** IIT Kharagpur team for Digital Alpha's sec filing analyzer high-prep Inter-IIT event.
• Build the dashboard from scratch using React and Nivo graphs to display insightful and concise sec filing trends.
- Interhall Opensoft** March 2022
Node.js, PostgreSQL, AWS, Docker, Kubernetes
• Developed the backend microservices required as per the problem statement in Typescript, Node.js and sequelize.
• Setup realtime monitoring using Prometheus and Grafana dashboard with automatic deployment to ECR.
- TSG Website Hackathon** December 2021 - January 2022
ReactJS, Sass, Node.js, PostgreSQL, AWS
• Made KGP-Verse, an all-in-one solution to a student's academic, extra-curricular and co-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.

POSITIONS OF RESPONSIBILITY

- Core Team Member** Kharagpur Open Source Society June 2021 - Present
• Organised **Kharagpur Winter of Code**, a month-long event aimed at encouraging Open Source contributions.
• Organised workshops on Git/Github, Linux shell scripting, Python, GSoC for students of IIT Kharagpur
- Coordinator** Technology Filmmaking and Photography Society January 2021 - Present
• Led and mentored a team of 6 as part of the annual Freshers' Production and made a short-film in virtual mode.
• Made a short film in virtual mode within 50 hours working on cinematography and editing for the IFP 2021.

EXTRA CURRICULAR ACTIVITIES

- Won **silver** in inter-departmental photo-story competition 2022 in a team of 5 amongst 19 departments.