

RAJIV HARLALKA

[+91-8987966604](tel:+91-8987966604) rajivharlalka009@gmail.com [rajivharlalka](https://www.linkedin.com/in/rajivharlalka) [rajivharlalka](https://github.com/rajivharlalka) rajivharlalka.me

EDUCATION

Indian Institute of Technology, Kharagpur **2020 – 2025(Expected)**
Integrated M.Sc in Mathematics and Computing - CGPA - 9.45 *Kharagpur, West Bengal*

Central Board of Secondary Education **2020**
- Percentage - 92% *India*

Indian Certificate of Secondary Education **2018**
- Percentage - 92.8% *India*

EXPERIENCE

Mello [🔗](#) | **Nodejs, PostgreSQL, MongoDB, AWS** **Feb 2022 - Current**
Backend Intern *Bangalore*

- Served as a **lead API's and service's developer** that serves main mobile app as well the admin portal.
- Reduced response time for API's by **more than 25%** by optimising database queries and using Promises.
- **Dockerised services for deployment** and setup CI/CD for development and production branch on AWS ECS

Felvin Search [🔗](#) | **React, NodeJs, SQLite** **Dec 2021**
Application Developer *Remote*

- Interned as a Application Developer, a startup aiming to **improve search experience** by community apps
- Made a instant App for **Reference Implementation of Code**, display code snippets based on user's query of language and algorithm.
- Made Backend service and API's that **serves 50k+** code snippets for different algorithms and languages

TECHNICAL SKILLS

Programming Languages: Python ,C ,C++ ,JavaScript ,Typescript ,Go

Technologies/Frameworks: NodeJS ,React, Docker, Kubernetes , Prometheus , Grafana

Databases: MySQL ,PostgreSQL ,SQLite ,MongoDB

PROJECTS

Go Space [🔗](#) | Golang, Slack, Docker **June 2022**

- A Slack bot that uploads images posted on slack public channels on imgur to clear space on workspace
- Used Slack and Imgur's API's to integrate with the functionalities and respond to image uploads.
- Dockerised and deployed the app which is currently being used in multiple personal workspaces.

Mercari Large Scale System Design Hackathon [🔗](#) | Python, AWS, Kubernetes, Docker **March 2022**

- Part of the Gold winning team for the Inter IIT Mercari Large Scale System Design Hackathon
- Designed and implemented a scalable **solution** to the Problem Statement using Microservices.
- Implemented Prometheus and Graphana Metrics to **show** live status of each microservice and container

KGPverse [🔗](#) | React, Sass, NodeJS, Postgres, AWS EC2, AWS S3 **Nov 2021 - Jan 2022**

- Made KGPverse , a web application that would synchronise a student's academic, extracurricular, and co-curricular information in one place as a submission to **TSG Hackathon**
- Worked in a team of 8 to complete the platform in 2 months with error checking at all places
- Uses S3 to store student documents and PM2 load balancer on an EC2 to run the API
- Stored data in SQL tables run on a postgres instance through Supabase

Position of Responsibility

Kharagpur Open Source Society [🔗](#) **June 2021 – Current**
Core Team Member

- Member of society at IIT Kharagpur which organises events and workshops to promote Open Source Culture
- Organized KWOC, a month long event for students to contribute to Open Source with 1000+ registrations

Activities & Scholastic Achievements

- **Open Source Involvement:** Participated in Hacktober Fest 2021 and made a total of 8 PR's
- **IIT JEE:** Secured a rank within 2% in JEE Advanced and in 1% in JEE Mains 2020