

# Divya kumar Baid

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Software Engineer

GitHub : [github.com/DivyaKumarBaid](https://github.com/DivyaKumarBaid)

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## Education

### Techno Main Salt Lake (TMSL)

Bachelor of Technology in Computer Science Engineering - AI & ML

July 2020 - June 2024 (Expected)

Kolkata, India

### Agrasain Boys School

ISC conducted by CISCE. (Percentage: 89.50%)

Apr 2017 - Mar 2019

Howrah, India

## Work Experience

### iTracker

Aug 2022 – Nov 2022

Software Engineer Intern

Remote, India

- Collaborated with a four-person team to **develop a service** to automatically **analyze data** from the broker app and calculate statistics related to the user's investment.
- Implemented and **Automated** and optimized the data scraping process for broker app such as **zerodha** and **groww**, implementing it with **Django** and **selenium** scripting.
- Explored ways to **visualize and send a daily report** of users' investment over a period of time.

## Projects

### Edge 2k22 | FullStack Developer

[edg.co.in](https://edg.co.in)

- Developed website for **EDGE 2k22** - a technical Fest, and streamlined the whole registration process. By restructuring the **event registration flow**, we were able to **reduce paperwork by 75%**.
- **More than 2000** people accessed the application to register, extending the reach.
- **React** was used to manipulate DOM elements while the backend was build with **Node and Express**. **MongoDB** was used as database to store users and event data.

### Well-Being | Backend Developer

[Github](#)

- Developed a **centralised system** for coordinating **patient appointments** and search for Medical Facilities for both users and doctors.
- It creates a **network of healthcare professionals**, serves as a **point of contact for patients and providers**, and screens, filters, and redirects incoming patient inquiries as necessary.
- **FastAPI (Python)** along with **MongoDB** was used to build the Back-End System and **React** was used as the Front-End library.

### Sloth | Backend Developer

[Github](#)

- Created and developed a **web community** to **foster communication** and collaboration amongst programmers.
- Using **React** as Frontend library we created a place to **post, share and host** code and articles. **FastAPI** was used to build Backend and **MongoDB** as database.API was deployed on Heroku.

### Muso - Discord Music Bot | Developer

[Github](#)

- A **Discord bot** that **plays a music playlist** on the Discord server was created using the **Discord.py** module.
- It uses **file module** along with **numpy** to store the url of songs from youtube and then plays it over the discord voice channel using **ffmpeg**.

## Technical Skills

**Languages** : Python, Java, C++, HTML/CSS, JavaScript, Structured Query Language (SQL)

**Technologies/Frameworks** : ReactJs, Redux, Discord.py, NextJS, Node, Scikit-learn, PyMongo, MySQL, FastAPI, Adobe Illustrator, Figma, Linux, GitHub

**Areas of Interest** : React, Development, back end, Machine Learning, Operating System, Cloud Computing, DEV OPS, web technologies, front end, System Design

## Achievements

- Solved more than **300 problems** on multiple platforms related to **data structures and algorithms**
- **Ranked Second** in the **HackItOut Hackathon(2022)** conducted by IIT Patna.
- Represented college at **SIH-2022**.

## Position of Responsibilities / Extracurricular

- FullStack developer at CUrBrain (official tech club, TMSL)
- Frontend and UI/UX Developer at Edge (Tech-fest, TMSL).
- Conducted multiple WorkShops under CUrBrain.