Divya kumar Baid

Software Engineer

Email : divyakrbaid@gmail.com
Mobile : +91 9123065471
GitHub : github.com/DivyaKumarBaid
LinkedIn : linkedin.com/in/divya-kumar-baid-98a087200/

Education

Techno Main Salt Lake (TMSL) — **July 2020 - June 2024 (Expected)**
Bachelor of Technology in Computer Science Engineering - AI & ML — *Kolkata, India*

Agrasain Boys School — **Apr 2017 - Mar 2019**
*ISC conducted by CISCE. (**Percentage: 89.50**%)* — *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**

- 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 ,C++, HTML/CSS, JavaScript, Structured Query Language (SQL)
Technologies/Frameworks : ReactJs, Redux, Discord.py, NextJS, Node, Scikit-learn, PyMongo, MySQL, NoSQL, FastAPI, Adobe Illustrator, Figma, Linux, GitHub
Areas of Interest : Backend, Machine Learning, Cloud Computing, web technologies, frontend, System Design, Problem Solving, application development, Springboot, Software Development

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.