

AGNIVA BHATTACHARYA

Ph: (+91)-7585866222 | Email: agnivabhattacharya2001@gmail.com

GitHub: <https://github.com/TheMastermind2001/>

LinkedIn: <https://www.linkedin.com/in/agniva-bhattacharya-270243198/>

CodeForces: <https://codeforces.com/profile/Mastermind222>

EDUCATION

Degree/Exam	Institute	Years	Grade/Marks
BTech+MTech (Dual Degree)	IIT Kharagpur	2019-2024	8.04/10
Indian School Certificate Exam(ISC)	Don Bosco School, Liluah	2017-2019	95%
Indian Certificate of Secondary Exam	Don Bosco School, Liluah	2017-2019	96.2%

WORK EXPERIENCE

Adobe, Bangalore | Product Development (Software) Intern May 2023 - Jul 2023

- Developed a Proof of Concept that allow users to create captivating slideshows in Adobe Express.
- Improved User Experience considerably by providing **templates** for animation, audio, design, etc.
- Time taken by user to create a slideshow for a certain number of images reduced by almost **80%**.
- Tech-stack/concepts used - **React.js**, **Next.js**, **CSS**, Entity Component System Architecture(**ECS**).

Purvine Technologies | Web Development Intern Nov 2021 - Jan 2022

- Made changes to the UI of the company's web page, improving user experience by almost **50%**.
- Used **HTML**, **CSS**, **JavaScript** to accomplish the work and also used Bootstrap for visual appeal.

PROJECTS

Netflix Clone | Self Project | Frontend Dec 2023

- Created Netflix Clone frontend using **React.js**, along with the **TMDB API** for obtaining movie data.
- Used **firebase** for authentication, database and also the stripe extension by firebase for payments
- Deployed using firebase: <https://netflix-clone-e93d2.web.app/>

DSA Search Engine | Algozenith Internal Hacktathon | Fullstack Jun 2022

- Built a search engine for searching DSA problems, on data **scraped** from various coding platforms.
- Implemented the **TF-IDF** algorithm **from scratch** to find the **top 5** results resembling the question.
- Tech-stacks/tools used: **Node.js**, **Express.js**, **HTML**, **CSS**, **JavaScript**, BeautifulSoup, Selenium

To-do App | Self Project | Fullstack Jan 2024

- Built a working To-do App that helps user add/remove a to-do and also mark a to-do as complete.
- Also created a login/sign-up page for users to login and new users to register using their details.
- Used **MERN** (Node.js, Express.js, MongoDB, React.js) for coding and **JWT** for **user authentication**.

Widgets Dashboard | Assignment | Frontend Feb 2024

- Created the frontend for given Figma design creating a dashboard for adding different widgets.
- Used **CSS Grid** to arrange widgets of different dimensions in a specific pattern. Also enabled addition of new widgets added by the user that will automatically find the appropriate position.
- Used **React.js** to code. Also, Deployed using firebase: <https://my-dashboard-app-d20a9.web.app/>

ADDITIONAL INFORMATION

- Tools/Languages/Frameworks/Libraries known:** C++, HTML, CSS, JavaScript, Java, Python, React.js, Node.js, Next.js, Express.js, MongoDB, SQL, Postgres, BS4, Selenium, Firebase, Numpy, Pandas, Git, GitHub, OOPs, Entity Component System Architecture (ECS), React-Chart.js, DBMS
- Competitions:** **Competitive Programmer** with **Expert** rating at **Codeforces** (Link given at the top).
- Completed courses on **Data Structures and Algorithms** by **Algozenith** and **Coding Ninjas**.