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# DISHA BISWAS

Kolkata, West Bengal, India

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## Education

### Netaji Subhash Engineering College

September 2020 – June 2024

*Bachelor of Technology in Computer Science Engineering*

*Kolkata, West Bengal*

- Maulana Abul Kalam Azad University of Technology, West Bengal
- GPA: 8.95/10 (till 6th sem)

### WB Board

March 2019

*Higher Secondary and Secondary*

*Kalyani, West Bengal*

- Higher Secondary (2019): 88%
- Secondary (2017): 92%

## Skills

**Programming Languages:** Javascript, C, C++, Python, HTML, CSS

**Frameworks:** ExpressJS, ReactJS, NextJS, Framer Motion, Tailwind CSS

**Database:** MongoDB, MySQL

**Tools:** Git & Github, BitBucket, Jira, VS code, Figma, Docker, Postman, Jupyter, Virtual Box, Arduino

**Others:** DSA, Computer Organization, Compiler Design, Computer Networks, DBMS, OOPs, Operating Systems

## Experience

### Zigy Prints

Aug, 2023 - Present

*FullStack Developer*

*Internship*

- Developed integrated **Chat application** (One-on-One chat) for E-commerce website using **Socket.io** and **NodeJS**, integrating with MongoDB Atlas in the backend and in the frontend developing chat ui using **ReactJS**.
- Added **oAuth** authentication using Google and **JWT authentication** for user login.
- Used **agile methodologies** and best practices to deliver quality solutions on time and within budget. Designed and developed features, ensuring code adhered to standards.

### Rangmashal Foundation

Feb 2023 - Sept 2023

*Teaching Assistant*

*Volunteer*

- Serving as a **Teaching Assistant**, fostering the educational development of underprivileged children for the past 6 months.
- Inspired by their unyielding spirit, I introduced them to **computer skills**, sparking their curiosity and aspirations in fields like **game development**.
- Advocating for organizations like **Rangmashal** that enrich these children's lives with learning, art, dance, and computer skills. Encouraging others to contribute to their bright futures.

### Hack4Bengal

July, 2023

*Backend Developer*

*Github *

- In this hackathon we built a web app which will help you to find a **Helper** to help in your daily household activities(as per your need, e.g. - **house help, driver, cook, nightguard, home tutors, caretaker, etc.**). The person who wants to help can open their account by submitting a form and their expectations from the job and the person who wants help can search them by watching their profiles, location, availability, and experience.
- We have used the popular stack **MERN** stack and I handled the **Backend** part.
- I built **REST apis** and stored the user data in **MongoDB** database. And have implemented the **JWT authentication**.

## Projects

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### Chat Application | *ReactJS, Chakra UI, Socket.IO, Express JS, MongoDB, Node JS* Aug 2023

- Developed **Chat-A-Chat** app, a **fullstack** web-application where an authenticated user(used JWT) can chat with anybody in **ONE-on-ONE** or **Group chat**
- Enabled user **customization** through **profiles** with avatars and usernames, fostering a personalized experience.
- Facilitated group messaging and user discovery with the creation of **group chats** and a **user search** feature.
- Enhanced engagement with **real-time notifications**, keeping users informed of **new messages** and chat activity.
- It is a **MERN** stack application using **socket.io** for **Real-Time** chatting and used **MongoDB** database to store the user data and messages.

### Portfolio Website | *Next.js, Tailwind CSS, Framer Motion* Sep 2023

- Created a stunning **portfolio website** showcasing skills, projects, and creativity.
- Implemented the **Home** Page, **About Me** Page, **Projects** Page, **Articles** Page, and a **Contact** Me feature.
- Technologies used include **Next.js**, **Tailwind CSS**, and **Framer Motion**.
- The live **deployment** of this portfolio website is available at <https://portfolio-website-psi-kohl.vercel.app/>. Check it out!

### React Quiz App | *ReactJS, Mock Server, CSS* Sep 2023

- Built an interactive quiz game with **React** to test knowledge and challenge users.
- Features include **fetching questions** from a **mock server**.
- Added the features with the **timers**, **scoring**, and **highscore tracking**.
- Included **multiple-choice questions**, easy navigation, and responsive design.
- Hosted the app on **Netlify** for easy access: <https://the-react-quiz.netlify.app/>. Give it a try!

### Eat-n-Split | *ReactJS, CSS* Sep 2023


- Developed the **"Eat-n-Split"** web application, allowing users to efficiently manage their **expenses** with friends.
- Features include the ability to **select friends** from a list, making **bill-splitting** hassle-free.
- Designed with a **user-friendly** and intuitive interface for a seamless experience.
- The live **deployment** of this web app is available at <https://eat-n-split-dun-one.vercel.app/>.

## Self-Learning and Technology Forum Participation

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### Smart India Hackathon Aug, 2022

#### *SIH'2022 Finalist*

*Github* 

- We built the app by using Flutter(frontend) and Python(backend). My part was to build the design.
- This is an educational app that allows the Teacher to track the student's performance in a classroom to know who's understanding the class work and who's not. But here the teacher only has access to the smart device and the student will give the answer asked by the teacher by using pen-paper mode.







### Tech-Clubs Aug 2022 - Present

#### *Web Development*

- Leading web development activities as the **Web Development Core Member** for the college tech club **CYBERNIX**.
- **GDSC'NSEC** Member since August'2022.

## Certifications

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- **Supervised Machine Learning: Regression and Classification**  Sep 2023
- **Python Mega Course: Learn Python in 60 Days, Build 20 Apps**  Sep 2023
- **100 Days Of Code - 2023 Web Development Bootcamp**  Aug 2023
- **Learn C++ Programming -Beginner to Advance- Deep Dive in C++**  May 2023
- **Programming Fundamentals: C Programming**  July 2021
- **Learn to Program: The Fundamentals of Python Programming**  July 2021