ARITRA BERA

Netaji Subhash Engineering College, Kolkata (NSEC)

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PROFILE SNAPSHOT

I am an avid learner and user of technology, who enjoys applying my knowledge towards solving real world problems while working in groups and independently. I am committed to working hard to meet any challenges that may lie ahead.

SKILLS

Programming Languages
- C++
- HTML
- CSS
- Tailwind CSS
- Bootstrap CSS
- Java Script
- React
- Redux
- Socket IO
- WebRTC
- Node Js
- Express Js
- Mongo DB
- Mysql
- Git/Github
- AWS S3, AWS Lambda

Subject Interest
- Data Structures
- OOPS
- Computer Network
- IOT
- Embedded System

ACHIEVEMENTS

- **Smart India Hackathon 2023 (Government of Kerala).**
  PS Code: **SIH1327**

  Internal College 3rd Position Team "**CAREIFY".**

  Problem Statement - **Developing a System for Patient Care in the Health Sector.**

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  Finalist' 1st Runner-up "CAREIFY".

  Problem Statement - **Developing a System for Patient Care in the Health Sector.**

HOBBIES

- IOT Projects, Robotics.
- Computer Programming.
- Photography.
- Playing Guitar

EDUCATION

Netaji Subhash Engineering College (NSEC)

B.Tech. (ECE) - 7.85 CGPA   📅 2021 - 2024

Saroj Mohan Institute of Technology

Diploma (ETCE) - 8.40 OGPA   📅 2018 - 2021

Baishnabchak M.C High School

- Higher Secondary - 60.60 %   📅 2018
- Secondary - 57.71 %   📅 2016
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PROJECTS

➢ **Blood Bank Web Application**
  Utilizing **React**, **Redux**, and **Bootstrap** on the frontend, and **Node.js** with **Express.js** and **MongoDB** on the backend, our Blood Bank Web Application facilitates registration and login for donors, admins, hospitals, and organizations. It enables blood donation data management, including tracking blood in and out, and monitoring blood quantity and group inventories, enhancing the efficiency and accessibility.

➢ **Spotify Clone**
  Create a "Spotify Clone using **HTML**, **CSS**, **JavaScript** " Designed and developed a fully functional and mobile-responsive Spotify clone using HTML, CSS, and JavaScript. Implemented key features including user authentication, playlist creation, and dynamic audio playback. Ensured seamless user experience across various devices. Demonstrated proficiency in front-end web development and attention to detail;

➢ **Personal Portfolio Website**
  Build & deploy a responsive personal portfolio website design using **HTML CSS** & **JavaScript**. With light and dark theme and includes CSS animations. Developed first with the Mobile First methodology, then for desktop

➢ **Blogify Website**
  Build & deploy a Developed a blogging platform with **Node.js**, **Express.js**, **MongoDB**, and **EJS** for server-side rendering. Implemented user **authentication**, enabling account creation and login. Users can post daily blogs and engage with others by commenting on their posts. Designed for seamless user interaction and data management, fostering a dynamic blogging community.

➢ **Live Voting Backend Application**
  Developed a Live Voting Backend using **Node.js**, **Express.js**, **MongoDB**, and **Postman** API tester. Implemented user signup/sign in, candidate listing, voting, and result display. Users required a unique government ID (Aadhar card) for authentication. Admin-exclusive functionality for candidate management ensured fair elections. Seamless user interaction and data management, fostering a dynamic blogging community.