

Binita Chattaraj

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EDUCATION

NIT KURUKSHETRA

B.TECH IN ELECTRONICS AND
COMMUNICATION ENGINEERING
Dec 2021 - Jun 2025 | CGPA-8.23

DAV PUBLIC SCHOOL

CLASS XII | CBSE
March 2020 | Gurgaon
Percentage - 94.8

GYAN DEEP SR. SEC. SCHOOL

CLASS X | CBSE
March 2018 | Gurgaon
Percentage - 97.6

SKILLS

PROGRAMMING

- C/C++
- Python
- Java
- Data Structures and Algorithms
- Computer Networks
- Object Oriented Programming
- Operating System
- HTML, CSS and JavaScript
- React
- MongoDB
- NodeJs
- ExpressJs

EXTRA

- MATLAB
- Python Libraries
- Digital Image Processing
- Photoshop, Canva and Illustrator

ACHIEVEMENTS

- Runner-up in Pixar event in TechSpardha'23 (Annual tech fest of NIT KKR)
- Global Rank - 199 among 19000+ participants in CodeChef October Long 2022
- Global Rank - 121 among 18000+ participants in CodeChef September Long 2022

PROJECTS

FULL STACK SPOTIFY - CLONE | [Link](#)

June 2023 - July 2023

- Built and implemented a comprehensive Spotify clone using cutting-edge technologies, including Next.js 13.4, React, Stripe for payments, Supabase as a backend, PostgreSQL for the database, and Tailwind CSS for styling.
- The frontend of the application is developed using React.js, breaking down the user interface into reusable and modular components. This promotes code organization and maintainability.
- The application uses PostgreSQL, a robust and scalable relational database, to store user data, music metadata, playlists, and other relevant information.
- Supabase, a powerful backend-as-a-service, is utilized to manage user authentication, handle database operations, and provide real-time data updates.

HAND GESTURE MEDIA PLAYER | [Link](#)

(Group Project)

Nov 2022 - Dec 2022

- Successfully created a sophisticated Hand Gesture Media Player using OpenCV, Python, and Digital Image Processing (DIP) techniques.
- Users can seamlessly control media playback using their hand gestures, eliminating the need for traditional controls.
- The Hand Gesture Media Player achieved an accuracy rate of 65 percent in correctly recognizing and mapping hand gestures to their respective media control actions during testing and validation

PERSONAL PORTFOLIO | [Link](#)

March 2023

- Designed and deployed a complete and responsive portfolio website using HTML, CSS, and JavaScript.
- The portfolio website is built with a responsive design, ensuring that it adapts and looks visually appealing across various devices and screen sizes, including desktops, tablets, and mobile phones.
- The website is hosted on a web server, allowing it to be accessed and viewed online through a domain or URL.

POSITION OF RESPONSIBILITY

JUST ANOTHER MAGAZINE | [EDITOR](#)

Jan 2022 - Present | NIT KKR

Longest running student magazine of NIT Kurukshetra

- Spearheaded a dynamic team of writers, designers, and content creators, responsible for curating and producing high-quality content for the magazine.
- Managed and motivated the team members, fostering a collaborative and productive environment.