Subhayan Roy Chowdhury

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EDUCATION

Jadavpur University, Kolkata
Bachelor of Engineering(B.E.) in **Information Technology** (2022-26)

CGPA : 8.71
(Till 4th Sem)

Bharatiya Vidya Bhavan,Kolkata
Class 12th, CBSE (2021)

Percentage: 97.8%

Bharatiya Vidya Bhavan,Kolkata
Class 10th, CBSE (2019)

Percentage: 98.2%

TECHNICAL SKILLS

Programming Languages: C,C++,Python

Frameworks, libraries and other technologies:
MongoDB, ExpressJS,ReactJS, NodeJS, scikit-learn, Tensorflow, SQL,pandas,numpy,matplotlib,React-Native

PROJECTS

- **eShop - Full Stack Ecommerce website**

Technologies used: MongoDB, Express.js, React.js, Node.js (MERN Stack)

Developed a comprehensive e-commerce website using the MERN stack, offering a seamless shopping experience for users. The project involved designing, implementing, and deploying a full-stack web application that integrates front-end and back-end technologies to provide a fully functional online store

- **Bloomer - Mental Health wellness app**

Technologies used: React Native, Firebase

Developed Bloomer, a mobile application focused on promoting mental health and wellness. The app leverages React Native for cross-platform mobile development and Firebase for backend services, providing users with tools and resources to support their mental well-being.

- **Music Emotion Recognition Using Deep Learning**

Technologies used: Tensorflow, matplotlib,numpy,pandas,scikit-learn

Conducted research on Music Emotion Recognition (MER) to predict human emotions based on musical signals. Developed an ensemble model combining LSTM and sequential feed forward neural networks, achieving high accuracy in emotion prediction.

ACHIEVEMENTS

- Ranked **17th in Kharagpur Data Science Hackathon** out of a contestant pool of **500**+ teams (Jan 2024).

- Won **best UI/UX** in Jadavpur University Techfest Hackathon **Hackforge** among **100**+ teams. (March 2024)

- Finalist in the hackathon SparkHack in Convolution 2024 by JU EE. (March 2024)

LANGUAGES

- **English -**   Full Working Proficiency

- **Hindi -**   Native/Bilingual Proficiency

- **Bengali -**   Native/Bilingual Proficiency

- **Spanish -**   Partial Proficiency (A2 Level)