Brandon Luke Williams

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EDUCATION

- **Jadavpur University**
  Master in Computer Applications; GPA: 8.52
  Kolkata,West Bengal
  October. 2023 – Present

- **St Xaviers College Kolkata**
  Bachelor of Computer Science; GPA: 7.86
  Kolkata,West Bengal
  Aug. 2020 – July. 2023

EXPERIENCE

- **Freshtronics**
  ReactJs Developer [Certificate](#)
  Work From Home
  June 2024 - August 2024
  - : **Collaboratively developed and implemented frontend solutions using React, TailwindCSS, and TypeScript for two projects**
  - : **Used similar tech stack to collaboratively revamp portions of websites**

PROJECTS

- **SpeakSphere** [Github](#) [Live](#)
  August 2023 - October 2023
  - : **A dynamic article based debate platform integrated with content filtration like innapropriate words and explicit image detection using Natural language processing and Convulated Neural Networks.**
  - : **Tech Stack** - ReactJS, Express, NodeJS, MongoDB, Firebase, Tensorflow, Pandas

- **BitMatch** [Github](#) [Live](#)
  March 2024 - Ongoing
  - : **Developed a matchmaking application for coders, featuring swipeable cards to connect users with similar tech interests for collaboration and networking.**
  - : **Tech Stack** – NextJS, TailwindCSS, MongoDB, Firebase,Socket.io

- **Speech Emotion Detection Using CNN** [Github](#) [Live](#)
  Februrary 2024 - March 2024
  - : **Developed a machine learning model utilizing Convoluted Neural Networks(CNN) to predict a rangeof emotions in audio files with a accuracy of 70% using the RAVEDESS dataset.**
  - : **Tech Stack** - Tensorflow, Keras, Matplotlib

PROGRAMMING SKILLS

- **Languages**: Python, Javascript, C++

- **Frontend**: HTML, CSS, ReactJS, NextJS, TailwindCSS, Socket.io

- **Backend, Database and API**: NodeJS, ExpressJS, MongoDB, Firebase, Flask, SQL

- **Data Science and Machine Learning**: Pandas, OpenCV, CNN, Tensorflow, NLP

- **Version Control and Hosting Services**: Git, Github, Render, Vercel

ACHIEVEMENTS/EXTRA CURRICULAR

- Achieved **5th GMR** in **JECA** 2023

- Ranked **2nd** position in **Synchronocity Hackathon**, organised by JU ACM

  Project :– **HealthMate** [Github](#)

  Contributed in developing frontend for UI components and developing Healthcare based Machine learning models such as Diabetes probability prediction,Diet Recommendation based on macros intake using k-means clustering algorithm

- **Social Work Volunteer, Little Sisters of the Poor** Served and assisted elderly residents with daily activities and care.