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EDUCATION

•**Maulana Azad National Institute Of Technology , Bhopal** *2020-2024*
B.Tech in Computer Science and Engineering CGPA: 7.8

PROJECTS

• **Code-Colab** *Github*

Real-time Code Editor where multiple users can work on same code in real-time.

- **Tools & technologies used :** ReactJs , WebSocket(Socket.io) , GraphQl(apollo-server) , MongoDb
- Developed and deployed a live code sharing platform supporting multiple programming languages , enabling real-time collaboration among multiple users .
- Implemented login authentication and authorization system to ensure user privacy and data protection .
- Designed and integrated a messaging and broadcasting functionality for seamless communication and collaboration within the platform .
- Enabled simultaneous editing and live code changes by multiple users , enhancing collaborative programming capabilities .

• **SpendWise** *Github*

Web App to manage Cashflow

- **Tools & technologies used :** NodeJS , Express , MongoDB , JavaScript , ReactJs
- Users can login and register to the expense manager.
- User's password is hashed using **Bcrypt** algorithm.
- Users can **add** their transactions with date , type , category and with references to the web-app.
- Users can **edit** the details or **delete** it whenever they want.
- Users can visualize the category wise income and expense in graphical manner.

• **Speech Emotion Recognition**

Convolution Neural Network based model

- **Tools & technologies used :** Python , Librosa , FastAI , Numpy , Matplotlib
- Emotion speech recognition is the task of automatically detecting and classifying the emotions.
- Acuracy : **93%**
- Dataset: RAVDESS, TESS, CREMA-D, SAVEE

• **ToDo App** *Github*

A Mobile App to manage your Todos efficiently

- **Tools & technologies used :** React Native , Expo , Expo SQLite , Material Icons
- **Add** new categories.
- View , **Search** and add todos within each category.
- **Mark** todos as done or not done.
- **Delete** categories and todos.
- Persistant storage using database .

TECHNICAL SKILLS AND INTERESTS

Languages : C/C++(**Proficient**) , **Java , Python , JavaScript**
Developer Tools : Visual Studio Code , Git
Full Stack Development : HTML , CSS , ReactJs , NodeJS , Express , Javascript
Databases : MongoDB , MySQL
Mobile App Development : React-native , Expo
Soft Skills : Teamwork , Communication , Problem Solving , Quick Learner
Coursework : Data Structures and Algorithms , DBMS , OOPS , Operating System , Machine Learning

ACHIEVEMENTS

• **Solved 600+ questions on GeeksforGeeks and Leetcode**