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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

• **AWS-Route53-Dashboard**   *Github*
A DNS Manager
   – **Tools & technologies used :** ReactJs , NodeJs , AWS Route53 API , Clerk , TypeScript
   – A web App to provide a central dashboard for automating management of domains and DNS records in bulk on AWS Route 53.
   – Visualize record distribution in domains.
   – Implemented search option for easy bulk data navigation.
   – Integrated JSON bulk upload for records data.
   – Implemented API calls for CRUD operations on DNS records.

• **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 , Docker
   – 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 securely login and register to the expense manager.
   – 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

TECHNICAL SKILLS AND INTERESTS

Languages : C/C++(Proficient) , Python , JavaScript
Developer Tools : Visual Studio Code , Git
Full Stack Development : HTML , CSS , ReactJs , NodeJS , Express , Javascript
Databases : MongoDB , MySQL
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**