VRAJ TALATI

📞 9712568699   ✉ vrajtalatii@gmail.com   in Linkedin   ⌂ GitHub   LeetCode

Education

Indian Institute of Information Technology, Nagpur   Sep 2021 – May 2025
BTECH-Electronics and Communication Engineering   *CGPA - 7.9*

Projects

🔗 Alumni-Connect | Node, Express, Rest API, Socket.io, React   🔗Link

- Optimized alumni networking process, **reducing search time by 90%** through targeted search functionalities making it easy to get referral and mentorship from alumini.
- Developed Alumni-Connect's frontend with React, Chakra-UI, and **Tailwind CSS,** and backend systems using Node.js, Express, and MongoDB for seamless data management..
- Implemented real-time communication using Socket.io, with scalability can be achieved through integration with **Redis**.
- Ensured platform security with **JWT** and **Bcrypt.js** authentication, enabling safe connections, and deployed it on render.

YouQuery | Python, Langchain, LLM, OpenAI   🔗Link

- Developed a project enabling users to extract and analyze content from YouTube videos without direct viewing, using automated video downloading, audio extraction, and transcription to text.
- Developed Python scripts using **pytube and moviepy** to **automate** the download and extraction of audio from YouTube videos..
- Implemented **OpenAI's Whisper and GPT-3.5** models for automated audio transcription and **natural language processing** to enable efficient content querying and analysis.

Trading Bot | Typescript ,Coindcx api ,Axios   🔗Link

- Leveraged a **trading startergy** which can help you make **1-2% profit** by simply buying any crypto in INR and converting that USD to INR again in less liquid market.
- **Automated order placement and cancellation** via the Coindcx API.

Achievements

- Made a platform named Shoffline that helps retailers and buyers to connect with each other and worked with a team of 7 people comprising of developers ,designers and marketers.
- Solved **500+** questions on leetcode and other coding platforms.
- Highest rating of **1700+** on Leetcode.(top 12%)
- Achieved a top **5** ranking in the Courier hackathon, earning a prize $ 20 voucher.
- Led a team of 12 students in securing sponsorship of 200k+ for the annual fest, demonstrating strong leadership and collaboration skills.

Relevant Coursework

- Data Structures
- Operating System
- Object Oriented Programming
- Application Programming
- DBMS
- Computer Network

Technical Skills

Languages: Python ,Javascript, C, C++, Java, Html, SQL
Developer Tools:VS Code, Github, Firebase, Docker, Jupyter Notebook,Postman
Technologies/Frameworks:Langchain, OpenAI, LLM, Hugging Face,React, Express, MongoDB, Redux, Mongoose,
Soft-Skills:Leadership, Management,Teamwork