JAMAL MYDEEN

📱 +91-9004013777 ✉ jamalmohideen971@gmail.com 🔗 linkedin.com/in/jamal108 ⚙ github.com/jamal108

Education

Ramrao Adik Institute of Technology, D. Y. Patil Deemed to be University   **July 2021 – Present**
B.Tech in Computer Engineering   *CGPA - 9.67*

SIES High School   **July 2019 – May 2021**
High School   *Score - 90*

Experience

Vector Consulting Group | *Software Developer Intern*   **Jul 2024 - Present**
- Working as a Software Developer, contributing to the development of client facing application using ReactJS and Django.
- Implemented IP-based rate limiting in backend to enhance application security and manage traffic effectively.

Lamarr | *Frontend Developer Intern*   **Dec 2023 - Mar 2024**
- Utilized NextJS, TypeScript, and TailwindCSS to develop responsive user interfaces, resulting in a 30% decrease in page load times. Integrated **PDF editing features** in Frontend for **OCR** Document Corrections
- Implemented **audio transcription** using Whisper APIs , Created a workspace application similar to Notion for a **law firm**.
- Incorporated PostgreSQL from **Supabase** for database operations , Received **positive** client **feedback** for delivering frontend solutions

Rablo | *Backend Developer Intern*   **Nov 2023 - Jan 2024**
- Worked as a **Backend Developer**, Collaborated and maintained server-side logic, databases, and APIs
- Managed and coordinated intern **activities**. Used Node.js for development, Implemented automated tests using **Jest**, achieving 40%+ test coverage
- Collaborated with the lead Backend Team and **optimizing** and **enhancing** performance of the Tutor Module and Innovate Sections

Projects

Veriface | *A DeepFake Detection Web App*   **Feb 2024 — (App Link)**
- Developed a web application combining React frontend, Flask backend, and CNN model to detect fake videos with **88% accuracy**, offering a reliable solution to identify edited content
- Streamlined a deepfake identification model trained with a dataset of 4000+ videos from FaceForensics++, utilizing features like **face masking**, **lip syncing**, and **eye blinking**
- Created an engaging user interface with interactive deepfake games and clear explanations, enhancing user experience and understanding of the fake video detection process

StudyHub | *Video and Document Chatting Platform*   **June 2024 — (App Link)**
- Engineered a application using NextJS for the frontend and Python Flask for the backend, facilitating YouTube video and document chatting functionalities. Implemented features such as **PDF summarization** and **MCQ generation**
- Implemented a query-based system to provide curated YouTube videos and allow users to **chat with AI**, using Pinecone for storing document data in a **vector database** for faster retrieval and response generation
- Leveraged Supabase for secure **chat storage** and **sharing**, ensuring users can save and share their chat sessions

Meta-Tunes | *A Stylish Music Player App*   **June 2023 — (App Link)**
- Designed an engaging **MERN and Firebase**-based music app with a user-friendly interface for seamless music discovery and personalization
- **Users can track streaming views and likes**, providing instant visibility and engagement.
- Users can discover trending songs, create **personal playlists**, and explore **public playlists** from other users in the app

Extracurricular

- Built a project called **No-Dues-Project**, which is associated with my college and is currently **operational** on the **college server**
- Created and managed more than 10+ technical blogs, explaining complex topics in an easy-to-understand manner. (App Link)
- Finalist in the Cisco Ideathon 2024, which had over 15,000 participants.
- Participated in HackThisFall 2024 and won the Best Idea Award

Technical Skills & Certifications

Languages: C, Java , Javascript, Python
Frameworks: Langchain, Scikit-learn, Tensorflow, Next.js, React.js, Flask, Django
Database: MySql, Postgresql, mongodb
Tools: Git, AWS, Pinecone, Supabase
Technologies: Web Development, AI technologies

Cisco: Introduction to networking , Routers and Switches
Udemy: Introduction to Machine learning
Harvard School: Business Analytics
Others Postman API Fundamentals , Accenture Nordic Developer