

JAMAL MYDEEN

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Education

Ramrao Adik Institute of Technology, D. Y. Patil Deemed to be University <i>B.Tech in Computer Engineering</i>	July 2021 – Present CGPA - 9.67
SIES High School <i>High School</i>	July 2019 – May 2021 Score - 90

Experience

Vector Consulting Group <i>Software Developer Intern</i>	Jul 2024 - Present
<ul style="list-style-type: none">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 <i>Frontend Developer Intern</i>	Dec 2023 - Mar 2024
<ul style="list-style-type: none">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 CorrectionsImplemented 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 <i>Backend Developer Intern</i>	Nov 2023 - Jan 2024
<ul style="list-style-type: none">Worked as a Backend Developer, Collaborated and maintained server-side logic, databases, and APIsManaged and coordinated intern activities. Used Node.js for development, Implemented automated tests using Jest, achieving 40%+ test coverageCollaborated with the lead Backend Team and optimizing and enhancing performance of the Tutor Module and Innovate Sections	

Projects

Veriface <i>A DeepFake Detection Web App</i>	Feb 2024 — (App Link)
<ul style="list-style-type: none">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 contentStreamlined a deepfake identification model trained with a dataset of 4000+ videos from FaceForensics++, utilizing features like face masking, lip syncing, and eye blinkingCreated an engaging user interface with interactive deepfake games and clear explanations, enhancing user experience and understanding of the fake video detection process	
StudyHub <i>Video and Document Chatting Platform</i>	June 2024 — (App Link)
<ul style="list-style-type: none">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 generationImplemented 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 generationLeveraged Supabase for secure chat storage and sharing, ensuring users can save and share their chat sessions	
Meta-Tunes <i>A Stylish Music Player App</i>	June 2023 — (App Link)
<ul style="list-style-type: none">Designed an engaging MERN and Firebase-based music app with a user-friendly interface for seamless music discovery and personalizationUsers 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