

# JAMAL MYDEEN

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## Education

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

## Experience

<b>Vector Consulting Group</b>   <i>Software Developer Intern</i>	<b>Jul 2024 - Present</b>
<ul style="list-style-type: none"><li>Working as a Software Developer, contributing to the development of client facing application using ReactJS and Django.</li><li>Implemented IP-based rate limiting in backend to enhance application security and manage traffic effectively.</li></ul>	
<b>Lamarr</b>   <i>Frontend Developer Intern</i>	<b>Dec 2023 - Mar 2024</b>
<ul style="list-style-type: none"><li>Utilized NextJS, TypeScript, and TailwindCSS to develop responsive user interfaces, resulting in a 30% decrease in page load times. Integrated <b>PDF editing features</b> in Frontend for <b>OCR Document Corrections</b></li><li>Implemented <b>audio transcription</b> using Whisper APIs , Created a workspace application similar to Notion for a <b>law firm</b>.</li><li>Incorporated PostgreSQL from <b>Supabase</b> for database operations , Received <b>positive</b> client <b>feedback</b> for delivering frontend solutions</li></ul>	
<b>Rablo</b>   <i>Backend Developer Intern</i>	<b>Nov 2023 - Jan 2024</b>
<ul style="list-style-type: none"><li>Worked as a <b>Backend Developer</b>, Collaborated and maintained server-side logic, databases, and APIs</li><li>Managed and coordinated intern <b>activities</b>. Used Node.js for development, Implemented automated tests using <b>Jest</b>, achieving 40%+ test coverage</li><li>Collaborated with the lead Backend Team and <b>optimizing</b> and <b>enhancing</b> performance of the Tutor Module and Innovate Sections</li></ul>	

## Projects

<b>Veriface</b>   <i>A DeepFake Detection Web App</i>	<b>Feb 2024 — (App Link)</b>
<ul style="list-style-type: none"><li>Developed a web application combining React frontend, Flask backend, and CNN model to detect fake videos with <b>88% accuracy</b>, offering a reliable solution to identify edited content</li><li>Streamlined a deepfake identification model trained with a dataset of 4000+ videos from FaceForensics++, utilizing features like <b>face masking</b>, <b>lip syncing</b>, and <b>eye blinking</b></li><li>Created an engaging user interface with interactive deepfake games and clear explanations, enhancing user experience and understanding of the fake video detection process</li></ul>	
<b>StudyHub</b>   <i>Video and Document Chatting Platform</i>	<b>June 2024 — (App Link)</b>
<ul style="list-style-type: none"><li>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 <b>PDF summarization</b> and <b>MCQ generation</b></li><li>Implemented a query-based system to provide curated YouTube videos and allow users to <b>chat with AI</b>, using Pinecone for storing document data in a <b>vector database</b> for faster retrieval and response generation</li><li>Leveraged Supabase for secure <b>chat storage</b> and <b>sharing</b>, ensuring users can save and share their chat sessions</li></ul>	
<b>Meta-Tunes</b>   <i>A Stylish Music Player App</i>	<b>June 2023 — (App Link)</b>
<ul style="list-style-type: none"><li>Designed an engaging <b>MERN and Firebase</b>-based music app with a user-friendly interface for seamless music discovery and personalization</li><li><b>Users can track streaming views and likes</b>, providing instant visibility and engagement.</li><li>Users can discover trending songs, create <b>personal playlists</b>, and explore <b>public playlists</b> from other users in the app</li></ul>	

## 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