

A MOHAMED AAKHIL

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EDUCATION

SHIV NADAR UNIVERSITY

BTech Artificial Intelligence and Data Science

Chennai

Expected 2026

SKILLS

Technical Skills: PyTorch, Tensorflow, React, NextJS, Python, C, Java, Amazon Web Services, Langchain.

Soft Skills: Time management, Analytical Thinking, Business Relations, Leadership.

PROFESSIONAL EXPERIENCE

BRIGHTER INDIA

Bangalore

Technical Intern

2023 Aug-Present

- Currently leading a team of four individuals in the ongoing development of state-of-the-art generative AI models. Key focus is on utilizing conditional image-to-video generation with latent flow diffusion models.
- Leveraging cutting-edge fine-tuned stable diffusion models and latent diffusion models to create and convert highly realistic Indian character avatars into a speech video, that will be used in short-form political content.
- Employing AWS services such as SageMaker, EC2 instances, S3 Buckets, and AWS Lambda to build a scalable video generation pipeline, ensuring the ongoing success of this project.

TIMESCAN LOGISTICS

Chennai

Software Developer

2023 Mar-Present

- Spearheaded the development of a feature-rich CRM solution, encompassing functionalities like quote and invoice generation, sales and purchase order management, staff administration, and specialized document management tailored for the shipping industry.
- Seamlessly integrated the CRM solution with existing systems and databases, ensuring smooth data flow and designed it to scale effortlessly with Timescan Logistics' growth.
- Maintained a commitment to ongoing improvements, regularly fine-tuning the CRM system to adapt to changing business demands and industry standards.

UPMARKT

Chennai

Full-stack Web Developer

2023 Jul-Present

- Leading a team of 3 in the complete overhaul and redesign of an existing e-commerce platform, transforming it with advanced multi vendor capabilities.
- Utilizing Next.js to create a fast, responsive, and SEO-friendly front-end for an enhanced user experience.
- Actively maintaining and optimizing the platform on a daily basis to ensure scalability as the platform grows, enabling sustained success in the dynamic e-commerce landscape.

PROJECTS

HR Process Automation: Built a web application to automate day to day HR process, mainly hiring and shortlisting applicants using LLMs. It was built using LangChain to extend functionality of traditional LLMs. [source](#)

Short Form Content Generation: Built an application to generate short form political content from a long youtube video. Mainly aimed at youth who are disinterested in political content and unaware of general politics. 2nd Place Winner of Brighter India Hackathon conducted on Aug, 2023. [source](#)

[Full List of Projects](#)

LEADERSHIP

Core Member of Delta, a hackathon team in Shiv Nadar University Chennai. Actively managed team affairs, training and participated in multiple hackathon events.