

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 Relation.

PROFESSIONAL EXPERIENCE

TRADE SENTRY

London, United Kingdom (Remote)

Director

2024 Jan - Present

- Spearheaded the technical development and deployment processes as the sole developer, contributing to a 25% equity ownership while collaborating with the marketing and funding partner.
- Developed and maintained the entire fullstack application for Trade Sentry (tradesentry.app) using Next.js, tRPC, Tailwind, and TypeScript, ensuring seamless and efficient user experiences.

360REACH

England, United Kingdom (Remote)

Lead Developer

2024 Feb - Present

- Developed and maintained the entire fullstack application for 360Reach using Next.js, tRPC, Tailwind, and TypeScript, ensuring seamless and efficient user experiences.

BRIGHTER INDIA

Bangalore, India (Remote)

AI Developer

2023 Aug - 2024 Apr

- Led 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.

TIMESCAN LOGISTICS

Chennai, India

Software Developer

2023 Mar - 2023 Dec

- 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.

UPMARKT

Chennai, India

Full-stack Web Developer

2023 Jul - 2023 Dec

- Leading a team of 3 in the complete overhaul and redesign of an existing e-commerce platform, transforming it with advanced multi vendor capabilities.
- Utilized Next.js to create a fast, responsive, and SEO-friendly front-end for an enhanced user experience.

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](#)

ReelGPT: 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.