

MUHAMMED SINAN C T

CONTACT

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PROFESSIONAL SUMMARY

Motivated and detail-oriented B.Tech student specializing in Artificial Intelligence and Data Science. Strong foundation in machine learning, deep learning, and data analytics. Demonstrated experience in academic projects involving real-time applications, computer vision, and Python development. Eager to contribute to innovative AI-driven solutions in a dynamic team environment.

PROJECT

Real-Time Video Meeting Engagement Analyzer

Flask, OpenCV, DeepFace, Socket.IO

- Built a video meeting app that detects user engagement through real-time emotion analysis.
- Integrated face recognition and emotion detection using DeepFace.
- Enabled live communication with WebSockets for real-time feedback.

Chaos Harvester-Web Scrapping,Data Harvesting Tool

FastAPI, Celery, MongoDB, Docker, Next.js, OpenAI GPT, Reddit API

- Built a real-time data harvesting app using FastAPI and Celery for backend processing.
- Integrated Reddit API for post extraction and OpenAI GPT for data analysis.
- Developed a responsive Next.js frontend with TailwindCSS.
- Deployed using Docker for scalability and easy containerization.

INTERNSHIPS

Nest international | 2025

Company Name – Ernakulam | [03/2025– 04/2025]

- Built interactive dashboards using Power BI to visualize business performance.
- Cleaned and transformed data using Power Query from Excel and SQL sources.
- Created custom KPIs and metrics using DAX for analytical insights.
- Shared reports via Power BI Service and presented findings to the team.

TOOLS & SKILLS

- Programming: Python, Java, C++
- Data Science: Pandas, NumPy, Matplotlib
- AI/ML: TensorFlow, Keras, OpenCV, DeepFace
- Tools: Git, Jupyter Notebook, VS Code, MySQL
- Soft Skills: Problem-solving, Teamwork, Communication

ACADEMIC HISTORY

ILAHIA COLLEGE OF ENGINEERING AND TECHNOLOGY| 2022-2026

B.Tech in Artificial Intelligence & Data Science

INDIRA GANDHI NATIONAL OPEN UNIVERSITY | 2021-2025

Bachelor of Science(Physics,Geography,Geology)

CERTIFICATIONS

GOOGLE CERTIFICATION IN:

PYTHON

C++

JAVA