

RAM KIRAN MOHAN

AI / ML Engineer | Full-Stack Developer | Research Intern @ IIIT Kottayam

+91 8086884390 ♦ ramkiranmohan1759@gmail.com ♦ linkedin.com/in/ramkiranmohan ♦ github.com/thisisramhere
Kerala, India

EDUCATION

B.Tech - Computer Science & Engineering (Artificial Intelligence) 2024 – 2028
Adi Shankara Institute of Engineering and Technology, Kalady

Higher Secondary School (CBSE) 2010 – 2024
Vyasa Vidyanikethan Central School, Chalakudy

EXPERIENCE

Research Intern 2025 – 2026
Indian Institute of Information Technology (IIIT), Kottayam

- C Implemented DistilBERT-based Large Language Model for spoiler detection using the IMDb Spoiler Dataset, including data preprocessing and tokenization.
- Applied CNN and transfer learning techniques to biomedical image classification challenges.

TECHNICAL SKILLS

Programming Languages: Python, C
AI / Machine Learning: PyTorch, TensorFlow, HuggingFace Transformers, Scikit-learn, CNNs, NLP, Model Fine-tuning
Data & Analysis: NumPy, Pandas, Matplotlib
Full-Stack Development: HTML, CSS, JavaScript, React, Python (Flask / REST API)
Tools & Platforms: Git, GitHub, MS Office, Vtools

PROJECTS

HealthAnalyzer : Stroke Risk Prediction System github.com/thisisramhere/Healthanalyzer

- Designed and trained a CNN-based deep learning model to predict stroke risk from patient health indicators.
- Features engineered: age, blood pressure, glucose levels, BMI, and lifestyle factors.
- Built real-time prediction UI for end-user interaction.
- Tech Stack: Python, TensorFlow, Pandas, Scikit-learn

Fible : AI Script to Music Brief Converter

- Built an AI tool that converts movie script scenes into structured music production briefs.
- Used NLP to analyze emotional tone and narrative context; outputs tempo, instrument, and orchestration guidance.
- Tech Stack: Python, HuggingFace Transformers, transformer-based text analysis

E.C.H.O : AI Multilingual Dubbing & Subtitling Platform github.com/thisisramhere/Echo

- Designed end-to-end AI pipeline to translate, dub, and lip-sync video content across multiple languages.
- Integrated speech recognition, machine translation, and voice synthesis into a unified workflow.
- Targeted at reducing production cost and improving accessibility for content creators.

IMDb Spoiler Classification : DistilBERT NLP Model

- Built spoiler detection system by fine-tuning DistilBERT on 37,000 IMDb movie reviews.
- Executed full NLP pipeline: text preprocessing, tokenization, and HuggingFace transformer fine-tuning.
- Evaluated model performance using Accuracy, Precision, Recall, and F1-score.
- Tech Stack: Python, PyTorch, HuggingFace Transformers

ACHIEVEMENTS & AWARDS

- Special Women Major Award (only male in team) - HackGenAI, India's Largest Generative AI Hackathon, Kerala Startup Mission
- Top 20 Student Startup - Indian Startup League 2025
- Shortlisted - Google Cloud x Campus Fund FutureX 2025
- Selected for Pre-Incubation Program - Ideafest 2025, Kerala Startup Mission
- Top 5 - Pandora Investors Retreat 2024, TKM College of Engineering, Kollam
- Top 4 - ASIET APJ KTU Startup Cell Idea Competition
- Participated - Brahma Dataverse Expo (National Level Techfest) 2025

CERTIFICATIONS

- Python Programming - Infosys Springboard
- Advanced C Programming - Certification Course

LEADERSHIP & COMMUNITY INVOLVEMENT

- Core Coordinator - Threads'26, India's First Fashion Tech Hackathon
- Mentor - Useless Project 2.0, Tinkerhub
- Mentor - Tinkerhack, Tinkerhub
- Mentor - Inceptus 3.0 Flagship Event, IEEE SB ASIET
- Coordinator - Nava Eco Ideathon
- Media Team - Brahma'25 & Brahma'26, National Level Techfest

POSITIONS HELD

- Event Lead & IPR Coordinator - IEDC ASIET Executive Committee
- Jr Event Lead & IPR Coordinator - IEDC ASIET Executive Committee (2025-26)
- General Volunteer - AI Club Executive Committee & Tinkerhub (2025-26)
- Event Coordinator - AFT (ASIET Fashion Team)

RESEARCH & PUBLICATIONS

Author & Presenter: Enhanced Drunkenness Detection via Iris Pattern Classification with Optimized Pre-Trained Deep Learning Models : 2025 IEEE 4th International Conference on Advances in Computing, Communication, Embedded and Secure Systems - Access'25 (<https://ieeexplore.ieee.org/document/11135612>)