

Rinshad Choorappara

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[LinkedIn](#) | [Github](#) | [HuggingFace](#)

Education:

Dublin Business School

Dublin, Ireland

Master of Science in Artificial Intelligence

09/2023 to 01/2025

- Working on my thesis project now (Creating a speech-to-speech interface for English Language Communication Trainer with different accents and slangs)
- Worked on different ML and Deep Learning projects and brought the best Recall and F1 Score compared to the previous works and research.
- Got a deep understanding on efficient use of data and creating the best use cases with the data

University of Calicut

Kerala, India

Bachelor of Computer Applications

07/2019 to 04/2022

- Created a Sports Booking Platform for easing Sports Ground Booking in Kerala with 3 modules for Admin, User and Client
- Got a strong foundation on Data Visualization and Data Analytics using Python and MySQL
- Passed with an overall GPA of **8.3/10**

Experience:

Outlier (Dublin)

Remote

AI Prompt Writer

09/2024 to Present

- Evaluating and creating **high quality prompts** for training **large language models**
- Ensuring the response from the models are accurate and manually checking the model accuracy
- Rating models and responses based on different criteria

Orcawise (Dublin)

Dublin, Ireland

Data Scientist

06/2024 to Present

- Worked on different projects in the healthcare sector and created different Data pipelines for efficient understanding of data
- Working on a project to help businesses adhere to EU AI Act and ensure their business is Responsible
- Created a beta version of a chatbot using **RAFT (RAG + Finetuning)** and optimized it to maximum efficiency

Omdena AI

Remote

Data Scientist

02/2024 to 05/2024

- Created a chatbot in Mental Health Domain for youngsters to help in FOMO in Social Media
- Created a dataset mixing different available datasets available and Fine-Tuned with MentalLLama by Meta (Worked the best for this domain- Already tried with Mistral, Gemma)
- Deployed it as a chatbot

Personal Projects:

Working on a stealth startup

An AI solution for a modern and most seen problem among the students and professionals.

Writerr AI ([github](#) | **Open-Source** | **Made it in less than 24 hours**)

Writerr AI is a copilot for all kind of book writers to evaluate their writing and get live feedback of their writing using Generative AI. Used Meta Llama 3 and Gemini 1.5 for the content generation.

Math Symbol Handwriting Classification using CNN ([github](#) | **App Demo: [HuggingFace](#)**)

Got a validation accuracy of **98.05%** using Convolutional Neural Network for a dataset containing **18 classes and 1500 images per class**.

Hotel Recommendation System in Bangalore (India) ([Kaggle](#))

-Used Zomato Dataset which has 50,000+ rows of restaurant reviews

-Content Based Filtering by the reviews

-Using TF-IDF and Cosine Similarity for recommendations

All the other projects are available on my [Github Repository](#)

Skills:

Programming Languages: Python, C++, HTML, CSS

Web Frameworks and Libraries: Flask, Ionic Angular, Streamlit, Gradio

Databases: MySQL, SQL, VectorDB

Cloud Platforms: Microsoft Azure, Amazon AWS

AI and Machine Learning: OpenAI, Transformers, RAG, Fine-Tuning, Neural Networks, Generative AI, TF-IDF, Natural Language Processing, Reinforcement Learning, Unsupervised Learning

Machine Learning Algorithms and Techniques: Naive Bayes, Decision Tree, Bagging, Boosting, Stacking, Regression, Classification, Clustering, kNN

Machine Learning Libraries: TensorFlow, PyTorch, Scikit-learn, Keras, XGBoost, Pandas, NumPy, SciPy, NLTK, OpenCV, Matplotlib, Seaborn

Data Visualization and Business Intelligence: Tableau, PowerBI

Concepts: Big Data, Large Language Models