Rinshad Choorappara

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[LinkedIn](https://www.linkedin.com/in/tinkvu/) | [Github](https://github.com/tinkvu) | [HuggingFace](https://huggingface.co/tinkvu)

**Experience:**

**Outlier AI Remote**

**AI Prompt Writer and Evaluator 09/2024 to Present**

* Evaluating different Gen AI Model responses and rating them on different factors
* Creating efficient prompts for training models
* Selecting the best responses from LLMs

**Orcawise (Dublin) Dublin, Ireland**

**Custom LLM Engineer 06/2024 to 09/2024**

* 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
* Finetuned and tested different models including T5, Bert, Llama, Mistral and many more.
* Created a beta version of a chatbot using **RAFT (RAG + Finetuning)** and optimized it to maximum efficiency

**Omdena AI Remote**

**LLM Engineer 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

**Buzful Marketing Dublin, Kildare, Meath (Ireland)**

**AI Marketer and Consultant 10/2023 to 09/2024**

* Created more than 60 engaging contents a week
* Utilizing the AI models for creating optimal human like contents
* Working with different B2C brands to increase sales/revenue
* Worked with more than 15+ brands and businesses
* Creating contents for their social medias (500,000 views per brand per month on an average for each brand)

**Qaadu Kerala, India**

**AI Marketer and ECommerce 06/2022 to 03/2023**

* Increased brand sales to 3x including B2B and D2C
* Expanded brand visibility over Global Markets through Amazon and other marketplaces
* Creating different campaigns for the brand and doubling up on those which gave results

**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 bought 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**

**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**](https://github.com/tinkvu/WriterAI) **| 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**](https://github.com/tinkvu/Maths-Symbol-Handwriting-Classification-using-NeuralNetworks/blob/main/Math_Symbol_Classifn.ipynb) **| App Demo:** [**HuggingFace**](https://huggingface.co/spaces/tinkvu/MathSymbolClassification)**)**

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**](https://www.kaggle.com/code/rinshadchoorappara/restaurant-recommender-using-zomato-bglr-dataset)**)**

-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 Repositary](https://github.com/tinkvu?tab=repositories)**

**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 Langugage Models