

Ridhin Issac Abraham

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Currently looking for opportunities within AI / ML roles in an impactful project for 4-6 months internship, available immediately

EDUCATION

CHRIST (Deemed to be University)

Master of Science in Artificial Intelligence and Machine Learning, 72.45%

Bangalore, Karnataka

July 2023 – Present

Srinivas University

Bachelor of Computer Application in Cloud Computing and Information Security, 91%

Mangalore, Karnataka

July 2020 – June 2023

PROJECTS

CloudCraft Organizer | *Next.js, React, Tailwind CSS, Firebase, NextAuth*

- Built a cloud-based file management system enabling file upload, preview, and categorization with Firebase for real-time sync.
- Implemented secure authentication and authorization using NextAuth.

Fashion Product Recommendation using Multimodal Data | *Python, TensorFlow, NLP, CNNs*

- Developed a deep learning-based fashion recommendation system by fusing text (BERT) and image (ResNet, VGG) features.
- Deployed the model, improving e-commerce user engagement and sales.

Stress Detection from Speech | *Python, Streamlit, Random Forest, SVM, XGBoost*

- Built a speech-based stress detection app using MFCC features and the RAVDESS dataset.
- Developed a Streamlit app for real-time stress prediction from user audio.

Currency Exchange Rate Prediction | *Python, Machine Learning, Decision Tree, Random Forest, KNN*

- Designed a system predicting Pakistan's currency rates with 96.54% R^2 accuracy using KNN.
- Preprocessed data, engineered features, and visualized model predictions.

ChatMate Android Chat Application | *Flutter, Firebase, Cloud Firestore, Android Studio*

- Developed a real-time chat app with Firebase for messaging and secure login.
- Created a responsive UI in Flutter for seamless multi-device experience.

ACHIEVEMENTS

- Gold Medalist in Undergraduate Studies for academic excellence
- Presented a paper titled "Predictive Modeling of Flight Delays: A Comparative Analysis of Machine Learning Approaches" at a National Conference
- Core Lead in Kotlin Development at Google Developer Student Club

CERTIFICATIONS

Introduction to Cloud Computing, IBM

Developed an understanding of cloud computing concepts, deployment models, and services.

August 2022

Ultimate AWS Certified Cloud Practitioner, Udemy

Gained foundational knowledge in AWS cloud services and best practices.

March 2022

TECHNICAL SKILLS

Machine Learning, Python, SQL, NLP, TensorFlow, Scikit-learn, Flutter, Tableau, Android Studio, Next.js, Firebase, Amazon Web Services, MySQL, HTML5, GCP, Visual Basics, Wireshark, VMware ESXi, REST API

SOFT SKILLS

Communication, Teamwork, Problem-Solving, Leadership, Time Management