RITVIK PRATHAPANI

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Academic Qualifications

- B. TECH CSE, CMR College Of Engineering & Technology   CGPA*: 7.15*/ *2025*
- 12th Grade, Excellencia Junior College   ***73.8%*** / *2021*
- 10th Grade, Pallavi Model School   *CGPA: 7.5 / 2019*

Academic Projects

- ***Iris Flower Classification using PyTorch****: This project involves preprocessing the dataset, designing a neural network architecture with fully connected layers and ReLU activation functions, and training the model using the Adam optimizer with a learning rate of 0.01 over 200 epochs. The model achieved satisfactory classification accuracy on the test set, demonstrating proficiency in PyTorch, deep learning model development, and data preprocessing techniques. (*Reference*)*
- ***Weather Prediction with LSTM****: This project demonstrates how to use Long Short-Term Memory (LSTM) neural networks to predict the precipitation type based on weather features such as temperature, humidity, wind speed, and, pressure. After making the predictions the script will display the predicted precipitation type for each sample in the test data. (*Reference*)*
- ***SOS button****: This is an Android application for the safely of individuals. The application is built using java on android studio. It sends the current location of any individual who is danger and needs immediate assistance. It helps in sharing the details with the emergency response team and other users of the app and assist the victim within minutes and control the situation*

Certifications and Achievements:

- *SAEINDIA Hackathon (TIER 3)- Python Programming – Scored First Position National Level.*
- *SAEINDIA Hackathon (TIER 2)- Python Programming – Scored Second Position State Level.*
- *Python for Web Data – Coursera*
- *Meta Android Developer Professional Certification – Coursera*

Extra-Curricular

- *General Secretary, Science and Technology Board, CMRCET*
- *Actively Participated in multiple hackathons organized by various colleges*

CERTIFICATIONS

- *Oracle Cloud Infrastructure 2024 Generative AI Certified Professional (*Link*)*

Technical Know-How

- *Programming Languages: C, C++, Java, Python.*
- *Machine Learning, Deep learning, Artificial Intelligence, Large-Language Models, Generative AI.*
- *MongoDB, MySQL, PostgreSQL.*
- *React, Express, Android Studio, Go, Docker*
- *Linux (Debian ,Ubuntu)*

Portfolio & Profiles

- *Linkedin (*Link*)*
- *Github (*Link*)*
- *Leetcode (*Link*)*
- *Codechef (*Link*)*
- *Codeforces (*Link*)*