

Konda Sarvari Harshitha

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Bachelor of Technology

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🐙 GitHub Profile

EDUCATION

- **Vellore Institute of technology, Amaravati** 2021-25
Bachelor of Technology in Computer Science and Engineering(Artificial Intelligence & Machine Learning) CGPA: 9.64
- **Sri Chaitanya Junior College, Kavali - Intermediate** 2019-21
Board of Intermediate Education, Andhra pradesh Percentage: 97.9%
- **Ravindra Bharati School, Kavali - Secondary Education** 2018-19
Board of Secondary Education, Andhra pradesh CGPA: 9.8

PERSONAL PROJECTS

- **Bus Reservation Application using Android Studio** May 2023-July 2023
VITAP
 - Developed an application for Bus Reservation system that allows users to book a ticket for a bus and admins to add the buses information
 - Technology Used : Java, XML
- **Alzheimer's Disease Classification** June 2023
VITAP
 - Twelve Deep Learning Models on Alzheimer's Dataset were developed, and they obtained high training and testing accuracy values.
 - Technology Used: Deep Learning , TensorFlow , Keras , Python.
- **Multi Disease Classification using Federated Learning** June 2023
VITAP
 - A huge dataset consists of nearly 45000 images belongs to 28 different diseases was used to train the ResNet50 model. The model gave an accuracy of 97.8% in training and 86.86% in testing.
 - Technology Used: Deep Learning ,Federated Learning, Python, Flower Framework.
- **Senior citizens safety Monitor using Arduino UNO** February 2023- May 2023
VITAP
 - An Arduino-based IOT device that detects the fall of the object. The MPU6050 gyroscope and accelerometer sensors are used for detection. After a fall is detected, an alert message is sent to the caretakers of that person through SMS. We achieved it using the Espnwifi module.
 - Technology Used :Arduino Programming,C

ONGOING PROJECTS

- **Medical image classification using Transformers** July 2023 - Present
VITAP
 - In Medical Image Classification, the idea of a vision transformer is proposed because it is found that it requires less training time than previous deep learning architectures.
 - Technology Used: Deep Learning , TensorFlow , Keras , Python.
- **A Web Application for Online reading platform** August 2023 - Present
VITAP
 - This Web Application allows users to write & publish their stories and also read stories from other authors.
 - Technology Used : HTML,CSS,Javascript,PHP,SQL

TECHNICAL SKILLS AND INTERESTS

Languages: C, Python, Java, HTML, CSS, JavaScript, PHP

Libraries : Flower Federated learning framework, Python Machine Learning libraries (Tensorflow, Keras, Pandas, Scikit-learn)

Databases:Relational Database(SQL)

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System.

Areas of Interest: Machine Learning , Deep Learning, Web Development, Mobile Application Development.

Soft Skills: Problem Solving, Self-learning, Presentation, Adaptability