



Sai Charan Karangula

M.Tech Integrated Software Engineering

To secure a responsible career opportunity to expand my knowledge and skills , while making a significant contribution to the success of the company.



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github.com/SAICHARANKARANGULA

SKILLS

Core Java

OOPS

DBMS

MySQL

Docker

Machine Learning

HTML - Basic

LANGUAGES

English

Full Professional Proficiency

Telugu

Native or Bilingual Proficiency

Tamil

Limited Working Proficiency

INTERESTS

Sports

New Technologies

Crypto Trading

Cooking

EDUCATION

M.Tech Integrated Software Engineering

VIT university , Vellore

07/2017 - Present

8.53(CGPA)

Higher Secondary Education

Sri Chaitanya Junior College , Vijayawada

06/2015 - 04/2017

96.1%

Secondary Education

Shoghi High School

04/2014 - 05/2015

8.0(GPA)

WORK EXPERIENCE

Software Intern

Robert Bosch Engineering and Business Solutions Private Limited (RBEI)

10/2021 - Present

Bangalore

IMPLEMENTING APPLICATION PROJECT IN DOCKER

- We have to Implement the Existing Application in the Docker application. As Docker is a powerful containerization application we can't implement that directly, for that we have to understanding the Docker concepts and then finally we have to implement the Project in Docker.
- The main Responsibility is to configure the docker in Windows Subsystem for Linux (WSL) without Docker Desktop.

PERSONAL PROJECTS

Prevent unauthorized access to websites from SQL Injection

- Using PHP and SQL, created a website and deomnstrated how SQL Injection is performed and how to prevent it.

CORRUPT WORD RECOGNITION SYSTEM

- Created a system that can detect English medical manuscripts using Artificial Neural Networks (ANN) .
- Trained the model with 218 images of the data set and then tested on 20 images obtaining an accuracy of 83.1%.

Rainfall Prediction system

- Predict the average rainfall by separating data into training and testing.Apply various statistical and machine learning approaches(SVM, etc) in prediction and make analysis over various approaches to minimize the error

COURSEWORK

DBMS,SQL

Using MyAdmin PHP , taken a large CSV file contains 11100 + tuples and categorizing and classifying data to make it more usable.