SIVARAMAKRISHNA.KORIVADA

student

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CAREER OBJECTIVE

To be associated with a dynamic and progressive organization that will allow me to utilize my abilities and qualifications in the field to add value to the organization while providing me with opportunities for growth.

EDUCATION

VISHNU INSTITUTE OF TECHNOLOGY
Bachelor Of Technology
Computer Science And Engineering
 CGPA - 8.2   2020-2023

SMT.B.SEETHA POLYTECHNIC
Diplamo In Computer Engineering
Percentage - 77%   2017-2020

 Dharani EM HIGH SCHOOL
Secondary Education
CGPA - 7.8   2016-2017

SKILLS

- C
- Java
- Python
- HTML
- SQL

CERTIFICATIONS

- Python
- Introduction To Machine Learning
- Cisco Networking Academy
- Introduction To Data Science
- SQL

LANGUAGES KNOWN

- Telugu
- English
- Kanada

PROJECTS

GSM - BASED FIRE ALARM SYSTEM USING ARDUINO

- Fire Alarm Systems are very essential for security purpose. Whatever field we choose for our survey we can get a clear view of fire hazards in a system. Fire Alarm and protection system is a combination of Electrical and Electronics Instruments. Now by using power electronics switches we have increase the efficiency of this system a lot. Thermistors are the most use sensing device which is used in fire detection and prevention systems. For this, we have to have a clearer view thermochemistry which is used for our resistances. Along with this project we will be able to know about fire, fire system protection and precaution.

AUTOMATION IN CONSTRUCTION

Past accident data contains details of accidents and by building machine learning algorithms model ,we can analyze data to identify causes of accidents and can prevent future accidents by giving test data of new work to predict causes of accidents and can avoid such causes. These machine learning algorithms can help in extracting dangerous objects such as misused tools, sharp objects nearby, damaged equipment etc.Based on the results of cause analysis, proper actions can be taken by safety professionals to remove or reduce the identified causes. It is also noted that one major factor contributing to the risk of an accident is the presence of harmful objects such as misused tools, sharp objects nearby, damaged equipment. Raising awareness, performing mandatory regular checks before operation of the machine which went wrong and caused the accident earlier.

- **Algorithms used**
    - SVM
    - KNN
    - NAIVE BAYES
    - DESICION TREES
    - LOGISTIC REGRESSION