

G MONIKA CHOWDARY

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CAREER OBJECTIVE

To become a successful professional in the field of software engineering and to work in an environment where I can enrich my knowledge and skills while contributing my best to the organization I work for.

TECHNICAL SKILLS

Java, Python
SQL, CSS, HTML, JAVASCRIPT

PROJECTS

Project 1: Secure file storage on cloud using hybrid cryptography

This project presents a file security model to provide an efficient solution for the basic problem of security in cloud environment. The main aim of this project is to securely store and retrieve data on cloud that is only controlled by the owner of the data. Cloud storage issues of data security are solved using cryptography and steganography techniques.

Data security is achieved using RC6,3DES and AES algorithm. We introduce a new security mechanism that uses a combination of multiple cryptographic algorithms of symmetric key and steganography.

Project 2: Stroke disease prediction using Machine Learning

This proposed project is used to predict whether the patient has any stroke disease or not using deep learning models CNN and VGG16. This classifies stroke patients into Ischemic stroke and Hemorrhagic stroke based on CT scan image data. In this study, we utilize a large population-based EMC database of around 800,000 patients to compare DNN with three other ML approaches for predicting 5-year stroke occurrence. The result shows that DNN and gradient boosting decision tree (GBDT) can result in similarly high prediction accuracies that are better compared to logistic regression (LR) and support vector machine approaches.

INTERNSHIP

OCT 2023 - Present

Training in Full Stack web Development

Java, Python
KODNEST Academy | Bengaluru

SKILLS

- Flexible to work in any environment
- Good Communication Skills
- Team work abilities
- Willingness to learn

EDUCATION

Bachelor of Technology

Area of Study : Computer Science and Technology
CGPA : 8.21

Intermediate

CGPA : 7.25

SSC

CGPA : 9.8

LANGUAGES

English, Telugu

CERTIFICATIONS

Certification in speaking effectively from NPTEL
(Elite + Silver)

Certification in Programming for Everybody from
University of Michigan (Getting started with python)
from COURSERA