PRAVALLIKA ANNE

E-mail:panne001@odu.edu   Ph No:+1 8047150766

CAREER OBJECTIVE

To pursue master's degree in esteemed university and secure a challenging position in a reputable company to expand my learnings, knowledge, and skills.

EDUCATIONAL QUALIFICATIONS

Velagapudi Ramakrishna Siddhartha Engineering College- August 2017-June 2021 , Bachelors of technology in Computer Science and Engineering   CGPA-8.46
Sri Sarada Junior College -June 2015- April 2017, Board of Intermediate education,MPC   CGPA-9.62
Sri Chaitanya International Olympiad - July 2013 - March 2015 ,Central Board of Secondary Education   CGPA-10

TECHNICAL SKILLS

- Programming Language.   : Java ,Python,Java script,C, c++
- Application Software   :Visual Studio ,MS Office.
- Databases   :My SQL/Oracle.
- Work experience in both Windows and Linux platforms.

ACADEMIC PROJECTS

1. **Title**   : AUTOMATIC ALERT SYSTEM DURING ABNORMAL SITUATION OF THE PATIENT USING IOT SENSORS.
   Description   : This project is about the device which takes the health status of the person especially pulse and temperature and alert doctors in the nearby hospitals as well as the loved ones about the status of the patient during abnormal situation by sending an email. The data of the patient's health is stored in the Thingspeak cloud so that the doctor can access the patient health anytime from anywhere.

2. **Title**   : IMAGE ENCRYPTION USING CHAOTIC BASED LOGISTIC MAP
   Description   : Storing the images securely is also equally important because images can contain highly confidential and sensitive information. So we develop an image encryption mechanism to encrypt and decrypt the images using chaotic based logical mapping functions. The chaotic systems provide random behavior and greater sensitivity to initial conditions. So such systems can greatly reduce the risk of brute-force and other cyber-attacks. This work would reduce the misuse of confidential images and the chaotic functions when combined with logical mapping makes the mechanism more secure and fast.

3. **Title**   : MULTIMEDIA ENCRYPTION USING CHAOTIC LOGISTIC MAP FUNCTION
   Description : It is important to protect medical images and it is equally important to maintain confidentiality during the transfer of medical video data. So in this Multimedia Encryption we focus on both medical images as well as medical video data and also design and develop an user interface for the proposed encryption mechanism. The chaotic systems provide random behaviour and greater sensitivity to initial conditions

WORK EXPERIENCE

Web Developer , Exposys Data Labs, Bangalore.
Title :ONE-TO-ONE VIDEO CONFERENCING WEBSITE
Description :I developed a Video Conferencing Tool (VCT) which is a web-based video chat application that allows users anywhere in the world to join real-time streaming video chat rooms. Here VCT allows users to share their live audio and video to all users in the chat room. It also allows users to see the list of attendees in the chat room. The users also have the option of sending video messages to other users

PAPER PUBLICATIONS

1. Presented and Published a paper titled "Secure Medical Data Using Symmetric Cipher Based Chaotic Logistic Mapping" at IEEE 7th International Conference on Advanced Computing and Communication Systems (ICACCS), 2021 organized by Sri Eshwar College of Engineering, Coimbatore, Tamilnadu, India.

2. Presented and Published a paper titled "Secure Medical Multimedia Data Using Symmetric Cipher Based Chaotic Logistic Mapping" at IEEE International Conference on Systems, Computation, Automation and Networking(ICSCAN),2021 organized by Manakula Vinayagar Institute of Technology,Puducherry,India.

TECHNICAL ACTIVITIES

- Participated in CSI state level student convention (TECH BLOOM 2020) held on 27th and 28th January.
- Participated in technophilia and blind code in QUEST ("A NATIONAL LEVEL TECHNICAL SYMPOSIUM) held on 13th and 14th march,2019 at JNTUH.

AWARDS and INTERESTS

- Received certificate of completion from udemy (Statistics with R).
- Received certificate for completing courses in coursera(AI For Everyone and Programming for EverybodyGetting Started with Python).
- Participated in IIC Online Sessions conducted by Institution's Innovation Council(IIC) of MHRD's Innovation Cell.
- Supervised various Techno-cultural events like AFOSEC, INFINITO held in CSE department at VRSEC