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Linkedin

Portfolio

OBJECTIVE: Seeking a responsible position in an organisation, which gives me a chance to improve knowledge, enhance my skills and enable me to strive towards the overall development of the organisation.

EDUCATION

BHARATI VIDYAPEETH COLLEGE OF ENGINEERING FOR WOMEN, Pune. B.E. in IT, CGPA: 8.26/10	**June 2020 — June 2024**
LANA HOSHING JUNIOR COLLEGE, Jamkhed, 71.69%	**July 2018 — May 2020**
KANYA VIDYALAYA, Jamkhed, 87.40%	**June 2013 — June 2018**

PROJECTS

1. Customised Virtual File System:

Technology: C Programming   **Github**

- This project provides all functionality to the user which is same as Linux File system.
- It provides necessary commands, system calls implementations of file system through customised shell.
- In this project we implement all necessary data structures of file system like Incore Inode Table, File Table, UAREA, User File Descriptor table.
- Using this project we can use every system level functionality of Linux operating system on any other operating system platform.
- We provide our own customised shell to interact with the customised database management system.

2. File Packer Unpacker with encryption:

Technology: Java Programming   **Github**

- This project provides the facility of packing and unpacking the regular files.
- In case of packing activity all the data of multiple regular files gets stored in single file with all related metadata.
- In case of unpacking activity the data from the packed file gets extracted in the separate file with all necessary details.
- To maintain the security of the data we provide encryption and decryption techniques. We provide Graphical user interface to interact with the application.

3. Accurate Prediction Of Sepsis In ICU Patients | Machine Learning Web Development   **Github**

- Developed an early sepsis detection model using Random Forest algorithms with SOFA and qSOFA scores.
- Deployed a Flask web application to provide real-time access for healthcare professionals, integrating model predictions to enhance clinical decision-making and sepsis awareness.

4. Duplicate File Remover:

Technology: Java Programming   **Github**

- Developed a Java-based tool to detect and remove duplicate files within a selected folder. Employed file hashing techniques like MD5 and SHA-256 to accurately identify duplicate files. Provided user-friendly options for reviewing and removing duplicates, generating detailed reports of deleted files. Ensured platform independence and robust performance through command line interface.

TECHNICAL SKILLS

Programming Languages:

Procedural language: C Programming
Object Oriented Programming: C++ Programming
Virtual Machine based Programming: Java Programming

Web Technologies: HTML ,CSS
Database: MySQL , SQL
Operating System: Windows NT, Linux Distributions
IDE & Tools: Visual studio Code, Sublime
Testing techniques :   Unit testing
Methodologies: Agile, Waterfall
FAMILIAR: Git , GitHub , SDLC & STLC

RESEARCH PAPER PUBLICATION   LINK

1.   "Accurate Prediction Of Sepsis In ICU Patients. *IJCRT* (2024).

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1. **"Accurate Prediction of Sepsis in ICU Patients" from the Intellectual Property Office, India.**   **Link**

CERTIFICATES

CORE2WEB - JAVA & DSA
Udemy - SQL
Zensar - Training Placements activity