

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