

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

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. Customized Virtual File System in C [Github](#)
 - Developed a virtual file system to emulate functionalities of traditional file systems on Windows NT or Linux distributions. Implemented core file system structures such as Inode, Inode Table, File Table, UAREA, Super Block, and more using C. Managed primary storage records and provided complete implementations of system calls including Open, Close, Read, Write, Lseek, Create, and Stat. Enabled comprehensive understanding of UNIX File System (UFS) architecture and operations.
2. File Packer Unpacker - Java [Github](#)
 - Developed a Java program that combines multiple files into one (packing) and restores them back to their original state (unpacking). Stored metadata and file contents together to manage files efficiently. Enabled platform-independent execution via Java, with simple command line instructions for compiling and running. Implemented user authentication to secure access.
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 - Java [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

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