VAISHNAVI SHRIRAM KHAWALE

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Objective:
Seeking a responsible place in an organization, which gives a chance to improve the knowledge, enhance the skills and enables to strive towards the overall development of the organization.

Highlight:
- Experience in application development using C,Python.
- Good analytical and problem solving skill.
- Sound knowledge of Operating system internal.
- Skilled mass communicator.

Education Qualification:

Standard	Institute	Board/university	percentage	class
BE	AISSMSCOE	SSPU	72%	Distinction
HSC	Mahila mahavidhyalaya	Maharashtra	66%	First class
SSC	Holy Cross	Maharashtra	84%	Distinction

TECHNICAL SKILLS
- **Programming Languages:**

    ❖ Procedural Language: C Programming
    ❖ Object Oriented Programming: C++ Programming, Python Programming

Python: Python 3.0
Python Libraries :   Numpy, SciPy, Scikit-Learn, TensorFlow, Pandas
IDE & Tool: Visual studio Code
Database: SQL(oracle), MySQL
Web Technologies: HTML/HTML5, CSS2/CSS3, JavaScript
Operating System: Windows NT
Methodologies: Agile, Waterfall

Technical Project:

Virtual File System

Technology: C programming
- This Project provide all the functionality to the user which is same as Linux File system.
- It provide necessary command, system calls implementation of file system through customised shell.
- In this project we implement all necessary data structure of file system like Incore Inode Table,file Table,UAREA, User File Descriptor table.

TEXT TO SPEECH SYNTHESIS IN CELEBRITY's VOICE

Technology: Artificial Intelligence
- This project is proposed for Text to speech synthesis, neural network architecture for speech synthesis directly from text in celebrity's voice.
- The system is composed of a recurrent sequence-to-sequence feature prediction that maps character embeddings to mel-scale spectrograms, followed by a modified WaveNet model acting as a Vocoder to synthesize time-domain waveforms from those spectrograms.

Naval Mine Detector

Technology : Deep Learning with Neural network using Python
- Mine detection and classification using side scan sonar imagery is a challenging problem.
- As opposed to the majority of techniques, several Neural-network-based methods for the detection and classification of mines and mine like objects have been proposed.
- Detection and classification of underwater objects in sonar imagery is a complicated problem, due to various factors such as variations in operating and environmental conditions, presence of spatially varying clutter, variations in target shapes, compositions and orientation.
- By using the concept of Deep learning with Neural network we predict whether object is Mine or not.

Technical Highlight:
- Knowledge of application development using C
- Knowledge of development using Python
- Knowledge of SQL for Data Science

PERSONAL INFORMATION

Date of Birth: 10/06/1996
Marital Status: Single
Nationality: INDIAN
Known Languages: English, Hindi, Marathi

The above mentioned information is authentic to the best of my knowledge
Vaishnavi Shriram Khawale