RAJVI SOMANACHE

Linkedin: www.linkedin.com/in/rajvi-somanache-svt17270507

Email: rajvisomanache@gmail.com

Mobile: +91 7499145643

EDUCATION

Marathwada Mitra Mandal's College Of EngineeringPune, IndiaB.E Information Technology: Second Year, Ongoing2023-2027

CGPA: 10.00

Dr. Kalmadi Shamarao Junior College Pune, India

12th Standard; Percentage: 78.17% 2021 - 2023

City International School Pune, India

10th Standard; Percentage: 94.20% 2023 - 2027

SKILLS SUMMARY

Languages: Python, Java, SQL, Javascript

Frameworks: Flask, Scikit-Learn

Tools: PowerPoint, Tensorflow, OpenCV, Git

• Platforms : Visual Studio Code

Soft Skills: Team Management, Problem Solving, Active Listening, Creativity

PROJECTS

· Blood Bank Management System

Apr 2025 -

Developing a full-stack web application to understand database management systems. Key features include admin login, inventory, donor registration, recipient data, hospital data and and secure data management. Frontend stack used is HTML, CSS, JS. The web application is being developed using Flask.

Portfolio Website
April 2025- Apr 2025

Designed and developed a responsive portfolio website using HTML, CSS, and JavaScript to showcase my projects, skills, and experience. Integrated a contact form with backend support using Node.js and MySQL to receive and store visitor messages. Focused on clean UI/UX design, smooth animations, and mobile-friendly performance.

• Tic Tac Toe game: Nov 2024 - Dec 2024

This game was made using Java programming. The basic logic of this game was implemented using arrays. Implemented features like player's turn, win/lose, play again. Understanding of conditions and loops were refined. Developed using Java Swing for a seamless graphical interface and made a user friendly interface giving clear display of game status.

Virtual Mouse Using Hand Gestures

Jan 2024 - Mar 2024

The outcome of this project is a virtual mouse system made using Python programming language. The project leverages computer vision techniques, particularly using OpenCV library, to capture and analyze hand gestures in real-time. By detecting the movement and positions of the user's hand and fingers, the system interprets these gestures as commands for controlling the mouse cursor on the screen.

ADDITIONAL INFORMATION

- Languages Known : English, Hindi, Marathi
- Interests: Machine Learning, Neural Networks, Data Science, Designing, Problem Solving.
- · Co-Circular Activities: Dance, Sports like Volleyball, Cricket, Football and Basketball.
- Hobbies: Dancing, Watching F1, Reading, Travelling.