Omkar Patil

Mumbai, IN | omkarpatil3370@gmail.com | +91-9172553370
LinkedIn | GitHub

Passionate, career-minded job seeker, looking for an opportunity, to help launch a career while contributing to the company's goals.

Education

Java Full-Stack Development	Thane, India
IT Vedant Institute	Aug 2024-Present
Bachelor of Engineering (BE), Computer Science and Engineering	Pune, India
Savitribai Phule Pune University CGPA: **8.29**	July 2018-July 2022
Higher Secondary School (HSC)	Thane, India
Maharashtra State Board Percentage: **60%**	March 2017- March 2018
Secondary School (SSC)	Thane, India
Maharashtra State Board Percentage: **84.20%**	March 2015- March 2016

Skills

- **Languages**: Java | Python | JavaScript
- **Web Technologies**: HTML5 | CSS3 | Bootstrap
- **Frameworks:** Spring Boot
- **Database:** MySQL

Projects

- **HANDY: MEDIA PLAYER CONTROLLER |** *(Python)*   **VERIFY**
    - The project presents a program that allows users to perform hand gestures for easy software control and to increase Human-Machine Interaction.
    - Developed using Python with libraries such as MediaPipe, OpenCV, NumPy, and others.
    - To achieve quality output, the user must perform hand gestures, and the webcam should be enabled while the program is running.
    - We will be controlling media player function such as vol up/down, mute/unmute, pause/play by hand gestures.
    - MediaPipe framework has been used to detect the hand-sign, camera has been used to capture the hand-sign in real-time.
- **WALL BREAKER GUI GAME |** *(Java)*   **VERIFY**
    - GUI application built using Java AWT, swing and other frameworks.
    - A classic wall breaker game where the game speed increases as more walls are broken. The highest score is saved and displayed.
    - The player can move the paddle using the arrow keys.
- **Property Manager |** *(Spring Boot, HTML5, CSS3)*   **VERIFY**
    - Developed a property management application with Spring Boot and Thymeleaf for efficient property and tenant management.
    - Integrated Spring Data JPA for database operations and used MySQL for data storage.
    - Designed responsive web pages for seamless user experience across devices.

Certifications

- Java Programming & Spring Boot Development – IT Vedant, Kalyan | Oct 2024
- MySQL Database Fundamentals – IT Vedant, Kalyan | Sep 2024
- Web Development – IT Vedant, Kalyan | Aug 2024

Achievements

- Paper Publication: Published a paper on Human Computer Interaction (HCI) at the International Journal of Research and Analytical Reviews (IJRAR) on Handy: Media Player Controller.
- Hackerrank Profile : Problem Solving | Java | MySQL.