

Mr. Tanmay Kayande

Software Developer

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Projects

MULTILINGUAL SIGN LANGUAGE RECOGNIZER,

Team Leader

2022 – 2023

- Led a team of 4 members in developing a multilingual sign language recognition system as part of the final year project.
- Utilized computer vision techniques and CNN to achieve an accuracy of 95% in analyzing and interpreting sign language gestures.
- Successfully supported recognition for 3 sign languages, including ASL, ISL, and RSL.
- Executed the project by leveraging Tkinter, OpenCV, NumPy, TensorFlow, Pillow, and MediaPipe libraries.

MYPORTFOLIO, *Individual Project*

2022

- Independently developed a Dynamic Web Application with a 30% reduction in loading time using JSP, Servlet and JDBC.
- Implemented a structured layered architecture (Controller, Dao, Model) leading to a 20% improvement in project efficiency and maintainability.
- Successfully designed and deployed a secure Admin panel with seamless login/logout functionality for efficient content management.
- Demonstrated exceptional proficiency in handling over 100 database records by executing CRUD operations seamlessly.

BLOCKCHAIN BASED VOTING SYSTEM, *Team Member*

2021

- Collaborated with a team of 5 members to develop a secure and transparent voting system using Blockchain technology.
- Implemented Solidity smart contracts on a distributed ledger, ensuring data immutability and integrity.
- Successfully tested the voting process with over 1,000 simulated votes using Gnash without errors.
- Contributed significantly to enabling 100 voters to cast digital votes, ensuring anonymity, and preventing double voting.

Courses

Java (JSE/JEE) Course, *Seed Infotech, Viman Nagar*

2022 – 2022 | Pune, India

30 Days of Google Cloud, *Google Cloud*

2022 | India

Programming for Everybody (Getting Started with Python), *coursera*

2021 | India

Skills

Programming Language

Java, Python

Frameworks

Spring(CORE,MVC,,BOOT), Hibernate

Web Technologies

HTML, CSS, Bootstrap, JavaScript

Web Component

Servlet, JSP

Database Engine

MySQL, Oracle

Education

Modern Education Society's Collage of Engineering,

Bachelor of Engineering | Computer Engineering

2019 – 2023 | Pune, India

Honors in Data Science

CGPA: 8.11

SANTAJI MAHAVIDYALAYA, *HSC*

2019 | Nagpur, India

Percentage: 66%

KENDRIYA VIDYALAYA, *VSN, SSC*

2017 | Nagpur, India

CGPA: 8.2

Additional Involvements

Member of GDSC Club, *Google Developer Student Clubs*

2019 – 2023

Actively participating in tech-related events and workshops

Valorant Tournament for Debugged Exe

2021

Organized a Valorant Tournament for Debugged Exe on Discord during the lockdown, bringing together gamers for a competitive and fun experience

Camp at National Adventure Institute Pachmarhi

2016

Attended a 10-day camp at National Adventure Institute Pachmarhi, enhancing outdoor skills and fostering teamwork.