PRAJWAL DABEKAR

prajwaldabhekar2003@gmail.com | 9967295527 | LinkedIn |GitHub | Navi-Mumbai

EDUCATION

Bachelor of Engineering in Electronics and Computer Science, **SIES Graduate School of Technology**	2021-2025 CGPA **8.2**
HSC, **RAO Junior College of Science**	2019-2021 Percentage **93.5%**

WORK EXPERIENCE

Robotics Developer at Technical Team SIES GST   Jul 2022-Present

- Led C++ programming for Arduino Uno & ESP8266 in remote control robotics, mastering robotics, programming, and wireless tech.
- Proficient in Raspberry Pi and OpenCV for diverse image/video projects, demonstrating Python, Linux skills, and robust problem-solving abilities.
- Passionate about the role of computer vision in robotics and IoT applications.
- Led the technical team in robotics, guiding and mentoring college students.
- Educated students from scratch, facilitating their understanding and guiding them to complete robotics projects successfully.

ACADEMIC PROJECTS

AI Fitness Web App

- Developed a comprehensive Gesture Control web application using Python and Flask framework. Integrated OpenCV, MediaPipe, and NumPy libraries for real-time gesture recognition.
- Employed SQL database for storing user workout data. Designed frontend with HTML and CSS. Demonstrated expertise in web development, computer vision, and database management.

Expense Tracker Web App

- Utilized Node.js for server-side JavaScript runtime and Express.js, a web application framework for Node.js, to handle routing, middleware, and server setup.
- Employed MongoDB, a NoSQL database, to store expense-related data. Mongoose, a MongoDB object modelling tool for Node.js have been used to facilitate interactions with the database.

SKILLS

Python,JavaScript,Node.js,Express.js,React.js,Flask,MongoDB,SQL,OpenCV,Raspberry Pi and Arduino

ACHIEVEMENTS

1. Winner of Ideation'23, an ideathon organized by IETE student forum with the theme of Dream for a cause.
2. Winner of BugSquash FE, an idea presentation competition for FE's where the best technical solution for the given problem statement needs to be presented.
3. State level silver medallist in karate, Organized by Government of Maharashtra.
4. Came top 10 in ByteCamp'23 Hackathon.
5. Represented Navi Mumbai in Karate (Organized by Mumbai Division).