

SOHAM SANGOLE

+91 - 9970215909 | sohamajaysangole@gmail.com | sasangole21@it.vjti.ac.in | [in sohamsangole](https://www.linkedin.com/in/sohamsangole) | [sohamsangole](https://github.com/sohamsangole)

EDUCATION

- Veermata Jijabai Technological Institute** 2021 - 2025
BTech Information Technology, CGPA: 8.49 Mumbai, India
- Golden Kids Junior College** 2019 - 2021
Maharashtra State Board of Secondary and Higher Secondary Education, Percentage: 96.83 Amravati, India
- Golden Kids English High-school** 2009 - 2019
Maharashtra State Board of Secondary and Higher Secondary Education, Percentage: 91.20 Amravati, India

EXPERIENCE

- Thermax Limited** June 2024 - July 2024
Summer Intern Pune, India
 - Trained ML models for Heating Division focusing on incident triggering and asset management.
 - Integrated 200+ models into the Edge Live Portal, enhancing asset management efficiency by over 50%.
 - Analyzed data from industrial assets, identifying KPIs and predictive maintenance strategies.
- KEM Hospital** June 2023 - Present
App Developer Mumbai, India
 - Developed a mobile application for detecting early signs of MDR TB, using Deep Learning algorithms.
 - Developed APIs for seamless link between the app and backend, ensuring efficient model deployment.

PROJECTS

- Pong Game** 2024
Tools: Python, Reinforcement Learning, DQN
 - Developed a classic Pong game using Deep Q-Network (DQN) to enhance the AI's performance.
 - Employed pygame and Reinforcement Learning to create a more competitive AI player.
- NGO Website** 2023
Tools: React, Node.js, MongoDB
 - Developed the NGO website, utilizing React for the frontend and Node.js for the backend.
 - Managed data updates in MongoDB to ensure current and accurate information on the website.
- University Probability Predictor** 2022
Tools: Python, Machine Learning, Tkinter, Matplotlib, Streamlit
 - Developed a prediction model for estimating university acceptance probabilities, having 92% accuracy.
 - Deployed the model using Streamlit, providing an interactive web interface for users.

SKILLS

- Programming Languages:** Python, Java, JavaScript, Dart, SQL
- Tech Stack:** Machine Learning, App Development, Web Development
- Frameworks:** Flutter, Flask, Django, NextJs, ReactJs

ACHIEVEMENTS

- VJTI Digital Campus Hackathon Runner Up** 2023
VJTI Centenary Hackathon
 - Led the team "HyperHacktive" in developing an automatic attendance system using face recognition.
 - Achieved recognition as the Runner Up for innovative use of technology in attendance management.

LEADERSHIP EXPERIENCE

- Machine Learning Coordinator - Community of Coders** 2024
Organized workshops and mentored over 100 juniors to enhance their machine learning skills.
- Inheritance Mentor - Community of Coders** 2023
Mentored a team over four months on developing a Song Audio Identifier and Recommender App.