SIDDHESH DEDGE

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EDUCATION

Sinhgad Institute of Technology Science: Pune.

Bachelor of Science, Computer Science 7.99/ 10   2019 - 2023

Relevant Coursework: OOP, DSA, Software Testing and Quality Assurance, Machine Learning.

SKILLS

Programming Languages:	Java, Javascript, HTML, CSS.
Frameworks	React.js, Node.js, Bootstrap.

PROJECTS

Self-Driving Car: Reinforcement Learning, Python, Deep-learning.   Oct 2022

- Implemented virtual Self-Driving Car by formalizing 2 theorems namely Bellman's equation and Markov Decision Process.
- Created 3 models: Action, Reward and Punishment
- Constructed 4 functions Action, Learn, Save and Report.

Modern Day Application Forkify: HTML, CSS, Javascript   Jan 2023

- Implemented dynamic web application storing all information about food recipes and displaying them.
- Includes feature like search, add recipe, bookmark, and delete.
- Integrated beautiful pagination to move along in the application.

Object Recognition For Blind People: Java, Kotlin, YOLO.   April 2023

- Helping blind people to realize what object are near them through mobile application.
- Used YOLO in Android with images and live camera footage.
- A blind person can start this app instantaneously start capturing images ,then those images are classified and correct output is given in audio format.

Magic Note: HTMl, Bootstrap, Javascript.   Sep 2023

- Implemented a notes taking static website for storing and displaying all important notes.
- Includes operations like add note, delete note etc.
- Used Bootstrap framework and HTML for designing.

PUBLICATIONS

- Published a paper on Gym management system with food calorie detection on International Journal of Advanced Research in Science, Communication and Technology (IJARSCT). Click here

HOBBIES

- Learning new technologies to enhance my skills, Reading manga and Watching anime, Working out and playing outdoor games.