SIDDHESH SACHIN SONAWANE

B.E. - Computer Engineering

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BRIEF SUMMARY

I am an aspiring individual currently in the final year of my academic journey, pursuing a degree in Computer Engineering at the esteemed Dr. D.Y. Patil Institute of Technology, located in Pimpri. With an insatiable appetite for knowledge, I actively seek opportunities to broaden my skill set and expand my understanding of the ever-evolving world of technology. Constantly driven by my desire to learn and grow, I wholeheartedly embrace the challenges that come with staying at the forefront of the industry.

KEY EXPERTISE

Java | Javascript | Android | Flutter | MySQL | Firebase | Git | Github | React.js | Node.js | Express.js | MongoDB | Google Cloud Platform | Microsoft Azure

EDUCATION

Dr. D. Y. Patil Institute of Technology — 2020 - 2024
B.E. - Computer Engineering | CGPA: **8.75** / **10**

Bharat English School & Jr. College, Shivajinagar, Pune — 2020
12th | MSBSHSE | Percentage: **77.38** / **100**

The Trinity School, Kalas, Pune — 2018
10th | MSBSHSE | Percentage: **86.60** / **100**

INTERNSHIPS

Unicohub Private Limited | Social Media — 15 Oct, 2022 - 15 Feb, 2023
Flutter Intern

Key Skills: Flutter | Android | JavaScript | AgoraSDK

Built responsive Flutter UIs for app and web. Improved structure with state management and Firebase. Architected and maintained clean Flutter apps with smooth animations. Integrated third-party APIs and worked with Agora SDKs.

Rudraksha Welfare Foundation | Social Media — 05 Feb, 2022 - 05 May, 2022
Android Developer Intern
Architected and maintained clean Flutter apps with smooth animations. Built responsive Flutter UIs for the Android app. Improved structure using state management and Firebase.

PROJECTS

Proctorise

Key Skills: React.js | Tensorflow.js

Project Link: https://github.com/siddheshsonawane07/proctorise_vite

An online proctored system solution for online tests which include following features
1. Employed object detection using TensorFlow COCO SSD to detect unauthorized objects.
2. Detection of Multiple People ensuring only authorized test-takers are present.
3. Proctorise monitors attentiveness by detecting when the user looks away from the screen using Tensorflow Movenet.
4. Facial Verification at intervals to prevent impersonation. This involves comparing current facial features with enrolled ones.

Online Radio

Key Skills: Flutter | Alan API

Project Link: https://github.com/siddheshsonawane07/AI_Radio

1. Developed AI Radio using Flutter, aimed at elevating the radio listening experience through innovative features.
Integrated the Alan API, a voice AI platform, to introduce voice-controlled functionalities within the app.
2. Leveraged voice commands such as "play 107", "stop", "play", "next", and "previous" to control playback and navigate between radio stations.

3. Enhanced user interaction by offering an intuitive and user-friendly interface, allowing users to interact with the app effortlessly using their voice.

Store API

Key Skills: React.js   Node.js   Express.js   MongoDB

Project Link: https://github.com/siddheshsonawane07/store_api

1. Designed and implemented a robust REST API for an online store using Node.js and Express.js, leveraging the scalability and flexibility of MongoDB Atlas for efficient data storage and management.
2. Integrated advanced query-based search functionalities within the Express.js application to optimize product retrieval and enhance user experience.
3. Developed a responsive and intuitive frontend interface using React.js, ensuring seamless interaction and usability for customers browsing the store.

Task Manager API

Key Skills: React.js   Node.js   Express.js   MongoDB

Project Link: https://github.com/siddheshsonawane07/task_manager_api

1. Developed a task manager API for a to-do list website using Node.js, Express.js, and MongoDB Atlas.
2. Implemented REST API architecture to enable CRUD operations (Create, Read, Update, Delete) for managing tasks.
3. Designed endpoints for adding, retrieving, updating, and deleting tasks, ensuring seamless interaction with the database.
4. Integrated React.js for developing a responsive frontend interface, enhancing user interaction and usability

ACHIEVEMENTS

- Team qualified for GFG Solving India Hackathon at Regionals
- Team qualified for SIH 2022

EXTRA CURRICULAR ACTIVITIES

- Flutter Co-Lead for GDSC DIT
- Organized sessions on Flutter & Firebase

WEB LINKS

- Github - https://github.com/siddheshsonawane07
- Personal - https://sid07portfolio.netlify.app/
- Twitter - https://twitter.com/SiddheshSonawa8

PERSONAL DETAILS

Gender: Male
Current Address: Flat No.6, A-Wing, Shyama Heritage, opposite Pournima Sweets, Keshavnagar, Chinchwad, Pune, Maharashtra, India - 411033

Date of Birth: 19 Sep, 2002
Known Languages: English, Hindi, Marathi
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