

# Siddhesh Sonawane

Computer Engineering Student  
Dr. D.Y. Patil Institute of Technology  
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Portfolio

## EDUCATION

- Bachelor of Computer Engineering** 2020-2024  
*Dr. D.Y. Patil Institute of Technology, Pimpri* CGPA: 8.76

## EXPERIENCE

- Software Development Intern** Remote  
*Unicohub Private Limited* Oct 2022 - Feb 2023
- Software Development Intern** Remote  
*Rudraksha Welfare Foundation* Feb 2022 - May 2022

## PROJECTS

- Proctorise**  
*React.js, Tensorflow.js, Firebase*
  - Developed an online proctoring system utilizing **TensorFlow** to maintain test integrity.
  - Implemented algorithm for **multiple people detection** to ensure only authorized test-takers are present.
  - Integrated **attentiveness monitoring** with **TensorFlow Movenet** to track user eye movements.
  - Employed **facial verification** using facial recognition technology to prevent impersonation attempts.
- Store API**  
*React.js, Node.js, Express.js, MongoDB Atlas*
  - Integrated advanced **query-based search** functionalities within the **Express.js** application to optimize product retrieval and enhance user experience.
  - Developed a dynamic and responsive user interface using **React.js** for improved user experience, ensuring seamless interaction and usability for customers browsing the store.
  - Designed and implemented a robust **REST API** for an online store using **Node.js** and **Express.js, MongoDB Atlas** for efficient data storage and management.
- Task Manager API**  
*React.js, Node.js, Express.js, MongoDB Atlas*
  - Implemented REST API architecture to enable **CRUD** operations for managing tasks.
  - Developed a task manager API for a to-do list website using **Node.js, Express.js, and MongoDB Atlas**.
  - Integrated **React.js** for developing a responsive frontend interface.
- Online Radio**  
*Flutter, Alan AI*
  - Developed an **Online Radio** application for **Android** using **Flutter**.
  - Implemented **voice-controlled** functionalities to enhance user interaction.
  - Supported voice commands such as "play," "stop," "next," "previous," and more for seamless navigation

## TECHNICAL SKILLS

**Programming Languages:** Java, Javascript, Python, Dart  
**Backend Skills:** Node.js, Express.js, Firebase, MySQL, MongoDB  
**Frontend Skills:** React, Flutter  
**Tools:** Git, Github, GCP, Azure, Netlify

## ACHIEVEMENTS

- Flutter Co-Lead for GDSC DIT** (*Organized sessions on Flutter and Firebase*)
- Solving India Hackathon by GFG** (*Lead team that qualified for Nationals*)
- Smart India Hackathon (SIH) 2022** (*Lead team that qualified for Round 3*)