

Contact

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(LinkedIn)

Top Skills

Python
Qt
Docker

Languages

English (Professional Working)
Hindi (Full Professional)
Marathi (Full Professional)
German (Limited Working)

Honors-Awards

MSCE Pune 2017 scholarship holder

Siddheshsingh Tanwar

Intern @ISRO (R&D) | GSoC '23 @JdeRobot | Curious | Affable |
Learner | CSE @VJTI'25
Pune, Maharashtra, India

Summary

Currently I am a Student in 3rd year of Computer Engineering BTech from VJTI Mumbai

Experience

ISRO - Indian Space Research Organization

Scientist Engineer Intern

June 2024 - July 2024 (2 months)

Bengaluru, Karnataka, India

- Created an intuitive GUI to simplify navigation and analysis of extensive MIL-STD-1553B protocol log files, enabling efficient data filtering and error identification.
- Optimized the software to handle large log files containing hundreds of thousands of commands with minimal processing time, ensuring quick access to critical data for error diagnosis.
- Built a Docker image of the software to ensure seamless deployment and execution across all employee PCs at URSC, guaranteeing compatibility with Red Hat Enterprise Linux Server and facilitating easy distribution and updates.

Google Summer of Code

Contributor

February 2023 - March 2024 (1 year 2 months)

Created Visual Circuit webpage (VC+) for JdeRobot, allowing users to upload zip files, unzip them, and execute code within the Robotics Academy Docker Image.

- Created another functionality including launching a line-following robot world in the webpage environment, running the robot and testing multiple file support through zip
- Created Dockerized execution of the robotics application from the web browser

AICTE

KAVACH Hackathon Finalist(Top5 AIR)

August 2023 - August 2023 (1 month)

- Collaborated a Advanced fake news detection system with a dashboard for analysis of fake news spreaders ,a chrome extension for social media platforms (twitter,reddit,instagram), a page for direct queries input and Decentralized Document Storage functionality .
- My role in this tool/application was to create a the Decentralized Document Storage and one of the function of chrome extension i.e detecting the YT video is fake or not.

VJTI Centenary Hackathon

Winner

January 2023 - January 2023 (1 month)

- Collaborated a Thesis Management System with a dashboard, tools for tracking progress, a chat system forcommunication between students and advisors, and summaries of research papers.
- My role was to build the Thesis Management using supabase and two pages of Dashboard.

Education

Veermata Jijabai Technological Institute (VJTI)

Bachelor of Technology - BTech, Computer Engineering · (December 2021 - May 2025)

Karmaveer college of science pune

HSC BOARD · (June 2020 - August 2021)