ROHIT YADAV

FULL STACK DEVELOPER

📱 9653635891

✉ rohit15@somaiya.edu

🌐 Github Profile

📍 Mumbai India - 400068

SKILLS

Python, JavaScript, PHP, C/C++

Django, React, HTML, CSS

Arduino, ESP32, NodeMCU

MySQL, MongoDb

Sensor Integration, Project Management, Functional Testing

EDUCATION

BE Information Technology

KJ Somaiya Institute Of Technology

2021-2025

ACHIEVEMENT

LOA for successfully managing EMS website

LOA for working on BeliefSat-0

LOA for working on Upper Air Sounding System

Article on BeliefSat-0 in Times Of India Newspaper

LANGUAGES

English

Hindi

Marathi

Gujrati

HOBBIES

Playing Cricket , Volleyball

Drawing and Animation

Script Writting and narration

PROFILE

Highly motivated and skilled Embedded and Full Stack Developer with a diverse background in satellite project development, web application management, and sensor integration. Seeking to leverage my expertise and passion for technology in a challenging and innovative environment.

WORK EXPERIENCE

Embedded Programmer

New Leap Labs (KJ Somaiya Institute Of Technology)   2022-2024

- BeliefSat-0 a satellite to widen the reach of Amateur Radio-operators around the globe
- Contributed to the development of the **BeliefSat-0 satellite**, focusing on ground station development and functional testing. which was successfully launched on January 1, 2024, via **ISRO's POEM** platform on **PSLV-C58**.
- Tech Stack - Arduino ide , Arduino Uno, Nano, ESP32, NodeMCU , RTL-SDR
- Link - Github

Frontend Developer

Event Management System (KJ Somaiya Institute Of Technology)   2022-2024

- Event Management System used by the college to manage data of Events with various high-level modules.
- Tech Stack - PHP,HTML,CSS, JavaScript
- Link - Github

Full Stack Developer

Conference Management System - (KJ Somaiya Institute Of Technology)   2023-2024

- Conference management System (currently under-trial) for the Institute to manage International conferences like ICAST-2024.
- Tech Stack - Django, Python, HTML, CSS, Javascript
- Link - Github

PROJECTS

- **Underwater Object Detection:** AI based model for detecting Underwater Objects, having potential applications

- **Stock Recommendation System:** A Recommendation System based on the parameters entered by the User, along with chatbot and interactive user-interface.
  Full stack development using Python, Django, and the NSE library.

- **Smart Shopping Trolley:** An IoT solution usable for reducing queues in shopping centres and embedded anti-theft detection using RFID and sernsor technology.