

ROHIT YADAV

FULL STACK DEVELOPER



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[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

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

- Contributed to the development of the BeliefSat-0 satellite, focusing on ground station development and functional testing.
- Successfully launched BeliefSat-0 on January 1, 2024, via ISRO's POEM platform.
- Utilized various sensors (humidity, GPS, ultrasonic, RFID) and microcontrollers (Arduino Uno, Nano, ESP32, NodeMCU) in various projects.
- Led the smart shopping trolley project, integrating RFID and ultrasonic sensors with ESP32.

Backend Developer

KJ Somaiya Institute Of TEchnology

2023-2024

- Collaborating on the development of a Python Django-based Conference Management System under faculty guidance.
- Responsible for backend development and system optimization.

Full Stack Developer

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PROJECTS

- BeliefSat-0 Satellite Project:** Ground station development and testing for a successful satellite launch.
- Conference Management System:** Backend development using Python and Django.
- Event Management System:** PHP-based web application management.
- Stock Recommendation System:** Full stack development using Python, Django, and the NSE library.
- Smart Shopping Trolley:** Sensor integration and microcontroller programming for a smart shopping solution.