

Shivam Yadav

TECH ENTHUSIAST | EXPLORING WEB & AI

ABOUT ME

I'm a third-year B.Tech (ECE) student passionate about web development, Python programming, and AI/ML. I enjoy building real-world projects that solve practical problems. Currently exploring full-stack development and machine learning to deepen my skills. I'm looking for an internship opportunity where I can contribute, learn, and grow as a developer.

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Address:

Mumbai, Maharashtra

EDUCATION

Bachelor of Technology in Electronics & Communication Engineering | 2023 - 2027

Shah & Anchor Kutchhi Engineering College, Mumbai

- CGPA: 9.45 (Till 2nd Year)

HSC

N.G Acharaya D.K Marathe College

- Percentage: 64%

SSC

Chembur Karanataka High School

- Percentage: 75%

HANDS-ON PROJECTS

GPS-Denied Drone - ISRO Robotics Challenge (IRoC-U 2025)

ISRO IRoC-U 2025 | URSC, Bengaluru

- Programmed autonomous flight logic in Python, integrating Pixhawk 2.4.8 with BNO055 IMU for orientation tracking, safe-spot detection, and obstacle avoidance.
- Utilized DroneKit, MAVLink, and sensor fusion algorithms to enable stable navigation without GPS input.

NIDAR 2025 - National Drone Innovation Challenge

Contributed to Autonomous Drone Software Development

- Working on Python-based control systems for GPS-enabled drones in disaster response scenarios. Involved in geotagging, navigation, and payload deployment logic using DroneKit, MAVLink, and Pixhawk. Selected nationally under MeitY and Drone Federation of India

PROJECTS

Web Development Projects (Portfolio, Clones, Platforms - Ongoing)

- Built and deployed a personal portfolio (HTML, CSS, JS, FormSubmit). Created e-commerce sites and Spotify clones to sharpen frontend skills. Currently developing two full-stack web platforms: one for **service booking** and another for **incident reporting**, using React, TypeScript, and Firebase.

SKILLS

- Frontend Development
- Graphic Design
- Leadership
- C++
- Python
- Git & GitHub

REFERENCE

Portfolio

<https://shivamyadav-three.vercel.app/>

LinkedIn

<https://www.linkedin.com/in/shivam-yadav-317294292/>

Github

<https://github.com/CodeCraftedByShivam>