SURAJ PRATAP SINGH
FRONTEND DEVELOPER

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GitHub:-https://github.com/suraj123-web

SUMMARY

- Passionate Frontend Developer with a solid background in HTML, CSS, and JavaScript, interested in creating clean, user-friendly web interfaces. Curious to learn about new technologies and develop by contributing to real- world projects in a collaborative team.

EXPERIENCE

OctaNe t Infotech - Internship
Python Developer   **Sept 2023 - Oct 2023**

- Worked on developing and debugging Python-based applications and scripts.
- Gained hands-on experience with core Python concepts such as OOPs, file handling, and data structures.

EDUCATION

H.C.S.T. Farah, Mathura   **Oct 2021 - June 2025**

- Bachelor of Technology(B-Tech) - Computer Science & Engineering(CSE)

PROJECTS

Smart Waste Management | IoT, Blynk, Cloud Integration, Next.js

- Developed an IoT-based system using ultrasonic sensors and microcontrollers to monitor waste levels in real time.
- Enabled automatic notifications and data collection through cloud integration to reduce manual waste checks.
- Minimized bin overflow and optimized waste collection routes using sensor data and basic analytics.

YouTube Clone | React.js, Tailwind CSS, YouTube API

- Built a YouTube clone using React.js to display movies with responsive UI and seamless navigation.
- Integrated YouTube Data API to fetch and display real-time video content material and seek results.
- Implemented video playback, search capability, and dynamic routing for a consumer-pleasant experience

Banking Management System | HTML, CSS, JavaScript, Bootstrap

- Developed a bank management system for managing user accounts, transactions and balance tracking.
- Pulled out the functionality using secure login, transfer, deposits and structured data.
- Designed a user -friendly interface for streamlining bank operations and increasing the user experience

PROJECTS

Languages: HTML,C SS, JavaScript, Python
- Libraries/Frameworks: React.js, Tailwind CSS
- Tools: Git & GitHub, VS Code, Node.js, Blynk IoT Platform
- Soft Skills: Problem-solving, Communication

CERTIFICATE

- Full stack Web Developer with AI & ML Integration - Udemy
- Python Developer Internship - OctaNet Infotech