

# Saurabh Kumar

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## SUMMARY:

Aspiring Python Developer skilled in Flask, web scraping (Beautiful Soup), and RESTful APIs. Experienced in building scalable backend systems, integrating APIs, and writing clean, maintainable code. Passionate about problem-solving, collaborative development, and staying updated with modern Python practices.

## EDUCATION:

### Bachelor of Technology in Computer Science Engineering

Sagar Institute of Science and Technology, Bhopal

## SKILLS:

**Core Skills:** C, Python

**Database:** MySQL, MongoDB

**Tools & Frameworks:** Git, Github, Postman, Flask, Django, Visual Studio, And Windows

**Web Technologies:** Reactjs, JavaScript, UI/UX, HTML, CSS

**Others:** API Documentation, Python Anywhere, PyTest

## INTERNSHIPS:

### Web Development Intern

LetsGrowMore

**Technologies:** HTML | CSS | JavaScript | React.js | Bootstrap

- Developed and optimized **responsive web applications** using modern frontend technologies.
- Implemented **dynamic UI components** to enhance user experience.
- Collaborated with a team to improve **website performance and accessibility**.
- Gained hands-on experience with **frontend development best practices**.

## PROJECTS:

### Project-1 | Virtual Gestures Controller | Python, JavaScript, HTML/CSS

[GitHub](#)

- Captures and interprets **hand gestures** using a webcam.
- Controls virtual elements or performs actions using **gesture recognition**.
- Supports both **bare-hand gestures** and **gloved gestures** (based on filenames).
- Likely integrates **speech synthesis** or **voice feedback** (based on pyttsx3 usage in Proton.py).
- Has a **web-based interface** powered by Eel and JavaScript.

### Project-2 | Social Media Integrated Search Engine | Python, Flask, HTML, CSS, Beautiful Soup

[GitHub](#)

- Developed a unified search engine web app using **Python (Flask)** to perform keyword-based searches across Multiple social media platforms.
- Implemented **web scraping with Beautiful Soup** to fetch and display real-time content from external websites.
- Designed a responsive, user-friendly interface using **HTML, CSS**, and integrated multimedia elements like images and videos.
- Ensured clean architecture and modular code structure for easy maintenance and scalability.

## CERTIFICATIONS:

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| • Certified in <b>Introduction to SQL</b> by <b>SkillUp(SimpliLearn)</b> , demonstrating foundational knowledge Of SQL and relational databases. | Dec-2021 |
| • Certified in <b>Python</b> by <b>GUVI (HCL)</b> , demonstrating proficiency in Python Programming.   | Aug-2023 |
| • Certified in <b>JavaScript</b> by <b>GUVI (HCL)</b> , showcasing expertise in JavaScript Programming.  | Sep-2024 |