

Saksham Srivastava

Bachelor of Technology
PSIT Kanpur

+91-6393064149
saksham17126srivastava@gmail.com
[linkedin.com/in/saksham-srivastava](https://www.linkedin.com/in/saksham-srivastava)
github.com/SakshamSrivastava-sys

Objective

Final-year B. Tech Electronics and Communication student with practical experience in frontend development and collaborative project work. Skilled in problem-solving, teamwork, and building efficient web applications. Eager to contribute to real-world projects through internship or full-time opportunities while continuously expanding technical expertise.

Education

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B. Tech	PSIT, Kanpur	6.7	2022-Present
Intermediate	C.B.S.E. Board	70	2022
High School	C.B.S.E. Board	75	2020

Projects

- Mini Radar System Using IOT:** Dec 2023 - Apr 2024
Tools: Arduino Uno, Arduino IDE, HTML/CSS/JavaScript, IOT Protocols, C++ programming in microcontroller
 - Engineered a Mini Radar System Using IOT, mainly focusing the Defense applications.
 - Integrated ESP8266 Wi-Fi module to enable wireless data transmission.
 - Showcased the potential of IoT in smart surveillance and Defense System
 - Blood Bank Management System:** Jun 2024 - Nov 2024
Tools: HTML, CSS, JavaScript, Python, Node.js, MySQL, Rest API
 - Built a real time Blood Bank Management System.
 - Blood Bank Management System improving efficiency in blood bank operations.
 - Added features like Search & Filter Functionality, Live Blood Availability Tracking.
 - Focused on performance optimization. Connects Donors and Patients instantly.
 - Ambu Bag Intensive Respiratory System:** Dec 2024 - Nov 2025
Tools: Ambu Bag, Arduino Uno, Sensors, Mobile App, Bluetooth
 - Designed a low cost IoT-enabled Ambu bag ventilator for emergency and intensive respiratory support.
 - Optimized system for **cost-efficiency and portability making it suitable for use in low-resource healthcare settings.**
- Integrated Pressure, **flow**, and **oxygen sensors** to monitor and regulate patient ventilation in real-time.

Skills

- **Programming:** Python, JavaScript
- **Frontend:** HTML, CSS
- **Backend:** MySQL, Oracle, RESTful APIs
- **Tools:** Git, GitHub
- **Concepts:** Data Structures, OOP, DBMS

CERTIFICATIONS

- Agent Blazer, [Salesforce Trailhead](#)
- Python OOPS, [Infosys Springboard](#)
- Frontend Developer, [Great Learning](#)

Achievements

- Achieved Silver Medal in Speech Competition (out of 100+ participants).
- 7th SOF International Mathematics Olympiad (School level-3rd rank).

Intrests

- Exploring new technologies and software development trends.
- Building scalable and efficient web applications.
- Playing cricket (focus, strategic thinking, teamwork).