

RAUSHAN KUMAR

B.TECH. COMPUTER SCIENCE AND ENGINEERING
SPECIALIZATION: DATA SCIENCE

📞 +91 6299066567

✉️ raushankumaroofficial94@gmail.com

Examination	University/ Institute	Year	CGPA/%age
Graduation	Jaipur National University	2028	Ongoing
Intermediate	Sri Sathya Sai Vidhyapeeth, Srisailam	2023	76.6%
Matriculation	Sri Sathya Sai Vidhyapeeth, Srisailam	2021	94.6%

SUMMARY

Second-year computer science student seeking an internship, with foundational knowledge of Python and web technologies including HTML, CSS, and JavaScript. Familiar with Flask for basic application development, SQL for database management, and data visualization tools such as Tableau and Matplotlib. Possesses experience applying these skills through academic and practical projects and aims to gain industry-relevant experience.

ACADEMIC PROJECTS

Mini air quality monitoring system using MQ-135 *March, 2025*

- This IoT based project is developed in partial fulfillment of requirement of course work.
- Integrated hardware components including gas sensors, microcontroller, and display modules.
- **Learned:** Basics of IoT system design, sensor interfacing, Arduino programming, and real-time data monitoring.

Digital twin of a student (Behaviour simulation software) *Present, 2026*

- Currently developing a next-generation software system that creates a **digital twin of a student** to simulate academic behavior based on input data.
- Implementing the core system using **Python** with structured data handling via **CSV, Pandas, and SQLite**.
- Developing backend services using **Flask** to manage data flow and simulation logic.
- Building an interactive frontend using **HTML, CSS, and JavaScript** for user input and result visualization.
- Visualizing behavioral trends and simulation outputs using **Matplotlib**.

TECHNICAL SKILLS

PROGRAMMING: C, PYTHON, C++ (Basics), SQL (Basics), R, HTML, CSS, JAVASCRIPT

LIBRARY: Matplotlib

TOOLS: Tableau

SOFTWARE/TOOLS: Vs Code, GitHub

CERTIFICATION

Deloitte – Data Analytics Job Simulation (Forage) *JUNE, 2025*

- Completed practical tasks in data analysis and forensic technology
- Gained hands-on experience in data interpretation and analytical problem-solving

COMMUNICATION SKILL

- English