

SAHIL JANA



+91 9315923845



sahiljana298@gmail.com



[LinkedIn Profile](#)



[GitHub Profile](#)

About Me

Motivated and hardworking engineering student with strong problem-solving skills and a passion for software development. A quick learner who adapts easily to new challenges and technologies, always driven by a positive, never-give-up mindset. Maintains focus and mental discipline under pressure, with a balanced approach. Known for being a good listener, fostering clear communication, and working effectively in diverse team settings. Eager to apply these qualities to contribute to innovative solutions in fast-paced, growing industries.

Education

Degree	Institute	CGPA/Percentage	Year
B.E (CSE) AIML	Chandigarh University , Mohali	7.99 (Current)	2022-Present
Senior Secondary	New Green Fields School, Alaknanda	86.6%	2021
Secondary	New Green Fields School, Alaknanda	90.6%	2019

Projects

Research on Health Monitoring Wearable | *Machine Learning* Jan 2024 – April 2024

- Conducted research to gather data and evaluated and selected the best machine learning algorithms for accurate health monitoring results using wearable devices.
- Focused on optimizing algorithm performance to improve patient monitoring and health data analysis.

IoT-Based Fan Controller | *IoT, Sensors* April 2023 – July 2023

- Developed an IoT-based fan controller that adjusts fan speed in response to hand motions: clockwise to increase speed, anticlockwise to decrease.
- Demonstrated applications in home automation, energy efficiency, and user comfort.

School Attendance system using python connector | *Python, DBMS* Feb 2022 – May 2022

- Developed a smart attendance system for the school with the use of python connector and database management system
- Designed and implemented a scalable and user-friendly interface that allowed teachers to efficiently mark and view student attendance, simplifying the process and reducing manual errors.

Technical Skills

Programming Languages: C/C++, Java, Python, Data Structures

Database Management: SQL, DBMS

Web Development: HTML, CSS, JavaScript, React

Machine Learning: TensorFlow, scikit-learn, Keras, PyTorch

Certification

Microsoft Azure AI - 900

Microsoft

July 2024

Python for Everybody

University of Michigan, via Coursera

Nov 2023

Machine Learning For All

University of London, via Coursera

March 2023

Entrepreneurship Strategy: From Ideation to Exit

HEC Paris, via Coursera

August 2023