Aviral Vashistha

+918923111031 | aviral.vashistha@gmail.com | linkedin.com/in/aviral-vashistha | github.com/aviralvashistha

EXPERIENCE

Electronica@SRMIST - Delhi NCR   Feb 2023 – Present
Founder
- Founded Electronica@SRMIST: Established the club to enhance technical skills beyond traditional classroom learning.
- Led activities and recruitment: Planned workshops, events, and implemented strategies to attract members.
- Industry networking and development: Built a network within the industry and academia, and currently developing a club website.

Microsoft Learn Student Ambassadors SRM Community   Jan 2021 – May 2022
Core Member
- Contributing to building the MLSA SRM Community, encouraging tech development, and fostering mutual growth among like-minded fellow students.

EDUCATION

SRM Institute of Science and Technology   CGPA: 8.6
B.Tech. in Computer Science and Engineering   *Aug 2022 – Aug 2026*

Rainbow School
High School and Intermediate   *2018 – 2022*

PROJECTS

Flight Management System   Jan 2024 - may 2024
View Project   *SQL, MySQL*
- Developed Flight Management System: Implemented a database to manage flights, passengers, tickets, and transactions.
- Enhanced functionality: Created views, triggers, and stored procedures for detailed insights and automated processes.
- Database optimization: Conducted schema modifications and maintenance to ensure system efficiency.

Desktop Assistant   Aug 2023 – Dec 2023
View Project   *Python*
- Python desktop assistant: Performs tasks like fetching Wikipedia info, opening web pages, sending emails, and playing music.
- Voice interaction and control: Uses speech recognition for commands and performs system actions.
- Additional features: Includes weather updates, news, time display, background changes, and note-taking.

TECHNICAL SKILLS

Programming Languages:HTML, CSS, Python, C, C++, SQL, Latex

Libraries & Tools: NumPy, Pandas, Scikit-learn, seaborn, Matplotlib, Git, GitHub, Linux

ACHIEVEMENTS

Preliminary Asteroid Discovery   July 2023–August 2023

- Discovered a previously unidentified asteroid during the "All India Asteroid Search Campaign" by International Asteroid Search Campaign.
- Learned to use Astrometrica software for finding unidentified asteroids from space images.

Robotics Competition IIT BHU   March 2023

- Built a maze-solving robot using Arduino Nano. Team was selected for finalist round.

Ardubotics Robotics Workshop and Competition   February 2023

- Secured 2nd position in the college in solving the given problem statement using Arduino UNO.