AADITYA **SHARMA**

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Summary

I'm a second year Computer Science student with a strong foundation in programming, algorithms, and problem-solving. I have experience working with various technologies and applying them to real-world challenges, particularly in areas like software development and data analysis. Passionate about continuous learning, I'm always looking to expand my skill set and take on new technical challenges. I'm eager to apply my knowledge to contribute to innovative solutions and projects in the tech industry.

Languages and Skills

- Python
- C/C++
- Java
- Javascript
- HTML
- CSS
- MySQL
- Data structures
- Algorithm design
- Embedded systems

Education

Bachelor of Technology: Computer Science and Engineering   **Expected in 06/2027**
Vellore Institute of Technology   Chennai, India
- Specialization in: Artificial Intelligence and Robotics.
- **CGPA: 8.9/10**
- Relevant courses: Data Structures and Algorithms, Database Management Systems, Theory of Computation, Computer Architecture and Organization, Operating Systems, Computer Networks, Microprocessors and Microcontrollers, Digital System Designs, Sensors Actuators and Signal Conditioning.

Academic Experience

Technical Department   **02/2024 to Current**
Zero Bugs Club Vellore Institute of Technology   **Chennai, India**
- Supported the **planning, execution, and organization** of technical events, including workshops, coding challenges, and tech talks, ensuring smooth operation and enhancing participants' technical skills.
- Assisted in **troubleshooting** and providing technical support during events, ensuring minimal disruptions.

Management and Outreach Department   **09/2024 to Current**
Enactus Vellore Institute of Technology   **Chennai, India**
- **Managed outreach projects** and events, coordinating with local organizations to raise awareness for Enactus initiatives.
- **Led fundraising efforts** and developed strategies to secure sponsorships, supporting the club's growth and activities.

Academic Projects and Achievements

- **ScribblePad Hackathon** | *Top 10/60 Teams* | November/2024
Developed a **voice-operated Connect Four game** using JavaScript, placing in the top 10.
- **Secured second position** in my school in the CBSE 10th board exams with a score of **96%**.
- Developed an **obstacle-avoiding car** using Arduino, integrating sensors for real-time obstacle detection and automatic navigation.
- Developed **smart glasses** for visually impaired individuals, utilizing sensors and audio feedback to assist with navigation and obstacle detection.

Languages

Hindi: First Language

English: C1
Advanced (C1)

Spanish: B1
Intermediate (B1)