

ADITYA NAIR

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PROFILE SUMMARY

I am a curious and creative individual with a strong academic background. I have a deep interest in 3D modeling, animation, and robotics, constantly seeking to understand and enhance intelligent systems. I am always eager to learn, experiment, and bring creative ideas to life through technology and innovation.

EDUCATION

St. Agnes School, Kharagpur, West Bengal

10th ICSE Board: 98% <2021>

12th ISC Board: 96.5% <2023>

VIT Chennai, Kelambakkam Rd, Chennai

BTech: Computer Science Engineering, Specialization in AI and Robotics <2023-2027>

1st Semester SGPA: 9.69

2nd Semester SGPA: 9.49

3rd Semester SGPA: 9.45

CGPA as of 3rd Semester: 9.54

Current Rank in Branch: 4th

PROJECTS

Automated Robotic Arm (Detects coloured boxes and sorts them): <2025>

- Made the body of the robot with strengthened cardboard.
- Used Coloured Sensors and motors and interfaced them using a microcontroller.

Website for AI generated meeting summarization: <2025>

- Worked on the complete front-end part of the Website (HTML, CSS and JS).
- Generated sample audio of meetings for testing by using Artificial Intelligence.

Animation and 3D Modeling: <2023>

- Created a visually appealing scene for an ongoing project.
- Made multiple 3D printable models for the same project on Blender(application).

Power Saving in classrooms by detection of students: <2023>

- Building a circuit using various components that help in implementing the project.
- Using InfraRed Sensor to detect students in the class and switch on the lights/fans accordingly.

TECHNICAL SKILLS

- Front-end Development: (HTML, CSS, JavaScript)
- Programming Languages: Java, C, C++, Python
- Programming in Robot Operating System (ROS)
- 3D Modeling and Animation using Blender
- Assembly level Programming (Intel 8051, Intel 8086)
- Data-Base Management (SQL Basics)

ACHIEVEMENTS

- Awarded by “Prabhat Khabar” for being the City Topper in class 12 ISC.
- 2nd Position in a Hackathon named “Vegathon” where we had to use the Vega Processor to build a Prototype that solved a real-life problem.
- Qualified for the Second round of Smart India Hackathon 2023.

EXTRACURRICULAR ACTIVITIES

- I was the Vice-President of the **Society for Optics and Photonics (SPIE) Chapter**.
- Worked on the Website creation of the SPIE Chapter for VIT Chennai.
- Designed Posters and Certifications for Events and Competitions.
- Organized and helped in conducting various Events for the Chapter.
- Took part in cricket and football competitions.

INTERESTS

- 3D Modeling and Animation on Blender. Developing the Front-End part of websites, making the UI appealing for the users. Designing and editing in general is something that I wouldn't mind working long hours on.

LANGUAGES KNOWN

English, Hindi: Proficient
Malayalam, Bengali: Intermediate