

ASB

# Aditya S Bhat

## About Me

A dedicated Mechanical Engineering student at VIT Vellore with a passion for design, manufacturing, and automation. I'm focused on solving real-world problems through innovative engineering solutions.

## Location

Bangalore,Karnataka

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## Skill

### 1. Technical Skills

- **System Design and Workflow Analysis:** Understanding of how to design and optimize systems like a blood bank to improve efficiency and ensure smooth operations.
- **Database Management Basics:** Familiarity with organizing, storing, and managing data, potentially using software or databases.
- **Software Tools and Coding:** Even if it was a basic project, some exposure to programming languages like C, Python, or working with software tools for data entry and retrieval may have been involved.
- **Project Management:** The ability to plan, execute, and monitor the progress of a project, including managing deadlines and resources.
- **Basic Medical Knowledge:** Some awareness of blood types, storage conditions, and transfusion processes for better understanding of how blood banks function.
- **Automation Concepts:** Awareness of automation techniques that could be applied in managing large-scale processes like blood storage and delivery.

### 2. Analytical and Problem-Solving Skills

- **Critical Thinking:** Ability to analyze the needs of a blood bank and identify areas where processes could be streamlined or improved.
- **Problem-Solving:** Tackling logistical issues, such as ensuring blood availability or tracking donations.
- **Data Analysis:** Handling data on blood types, donors, or blood bank inventory to ensure accurate management.

## Education

**May 2022** | Secondary Education in Sri Kumarans Public School

**June 2024** | Higher Secondary Education in AECS Magnolia Public School

## Key skills and characteristics

- Proficient in CAD tools like AutoCAD, SolidWorks, and ANSYS
- Strong foundation in solid mechanics, thermodynamics, and manufacturing processes
- Skilled in problem-solving, project management, and analytical thinking
- Experience in robotics, automation, and FEA (Finite Element Analysis)
- Excellent teamwork, communication, and leadership abilities