# B BHAVANI

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## EDUCATION

| Year | Degree | Institute | % /GPA |
|---|---|---|---|
| 2021 – present | B.E. in Mechanical Engineering | Army Institute of Technology, Pune | 9.05 SGPA |
| 2019 – 2021 | High School (XII) | Army Public School, Bolarum | 95.2 % |
| 2018 – 2019 | High School (X) | Army Public School, Bolarum | 94 % |

## WORK EXPERIENCE

### Member of SAE collegiate club

- Engineered and optimized the braking system for the SAE Baja Vehicle, implementing performance upgrades that reduced stopping distance by 20% and enhanced overall vehicle safety.

**Skills Gained**: Technical expertise in automotive vehicles, project management, design abilities, prototyping and fabrication.

### Joint Secretary – AIT Coding Cell

- Organized and coordinated highly anticipated inter and intra coding events, including Crack and CoDeft

**Skills Gained**: Teamwork, Organizational skills, public speaking, technical exposure, Event management.

### Member – AIT Radio Club

- Led the organization and execution of inter- and intra-radio events, such as "Radio Raga" and "Radiance," providing students with exciting venues to immerse themselves in musical and cultural activities.

**Skills Gained**: Video editing, communication skills, and expert use of BandLab.

## PROJECTS

### RECIPE WEBSITE

- Created a dynamic recipe website using HTML & CSS that showcases a variety of well-known international cuisines.

### WEATHER APP

- Developed a weather application with user-friendly features for getting and displaying current weather conditions based on ZIP codes and locations, enhanced with CSS animations for a fun user experience.

### QUIZ MAKER

- A Python-based quiz application that provides a simplified user experience, enables the presentation of questions, the gathering of feedback from users, and an accurate evaluation of responses.

## ACHIEVEMENTS

- Attained **5-star rating** on Hackerrank for both Problem Solving and C++.
- Qualified for the final round in TVS credit IT challenge hackathon.
- Earned an **NCC- A certificate** and took part in extracurricular activities.
- Finalist in Sudoku event conducted by Technical Board of AIT.
- Secured **3rd position** in Javelin throw in Sports Aakriti, event organized by AIT Sports club.
- Contributed to my branch by taking part in various Sports and Cultural events like Cricket, Cross country, Dance, Liims etc.,
- Distributed sanitary pads in government schools.

## SKILLS AND TECHNOLOGIES

**Languages**: C++, Python, HTML, CSS
**Tech Stack**: SolidWorks, AutoCAD, Fusion360
**Subjects:** Data Structures and Algorithms, OOP, DBMS, Operating Systems, Design Thinking.

## INTEREST AND HOBBIES

- Problem Solving, Learning New Technologies**,** Playing Basketball, Reading Books, Drawing and Painting.