

# Varun Rachakonda

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## Education

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- **Jawaharlal Nehru Technological University**      Gudlavalleru Engineering College, AndhraPradesh, India  
*Bachelor in Mechanical Engineering (CGPA : 8.33/10.0)*      August 2019 - April 2023
- **Board Of Intermediate Education - (BIEAP)**      Narayana Junior College, AndhraPradesh, India  
*MPC - Maths, Physics and Chemistry (CGPA : 9.29/10.0)*      August 2017 - April 2019
- **Board Of Secondary Education - (BSEAP)**      Triveni Public School, AndhraPradesh, India  
*Matriculation (CGPA : 8.8/10.0)*      June 2017

## Skills Summary

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- **Technical Skills :** Proficiency in Java, SQL, Manual Testing, Automation Testing, HTML5, CSS3, and JavaScript which can be valuable for troubleshooting technical issues during customer interactions.
- **Soft Skills :** Strong work ethic, patience, and flexibility essential for providing exceptional customer service and handling diverse customer needs.

## Work Experience

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### Fresher

## Projects

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- **Automatic Sieving Machine For Agriculture Purpose**      **Role :** Team Leader  
*Team Size : 4*      February 2022 - April 2022

### Project Detail :

This project purpose is to reduce the efforts of farmers. The main purpose of the project is to remove the unwanted particles from the wanted particles

**For Example :** Black-gram, paddy e.t.c

- **Design And Analysis Of 9 Speed Gear Box**      **Role :** Team Leader  
*Team Size : 4*      January 2023 - March 2023

### Project Detail :

**Step : 1** - Theoretical calculated the Gears and shafts

**Step : 2** - Design and assembly the gears and shafts using solid works software

**Step : 3** - Finally the gear box analysis can be done using Ansys workbench 21.0

- **Hybrid Test Next Generation Framework For Automated Testing**

### Project Detail :

- Developed a hybrid Test Next Generation framework to automate software testing processes, combining data-driven and keyword-driven testing approaches.

**Technologies Used :** Test Next Generation, Selenium Web driver, Java, Excel for data storage.

- Sole developer responsible for designing, implementing, and maintaining the framework.

- Achieved a 30% reduction in manual testing efforts and improved test coverage by 20%.

- Overcame challenges in test data management by implementing dynamic data loading strategies.

### Version Control and Collaboration :

- Utilized Git and GitHub for version control, allowing seamless collaboration and tracking of code changes.

- Ran the program from both local and cloud repositories, ensuring consistent and reliable access to the latest code base.

## Languages

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- English
- Hindi
- Telugu

## Certificate

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Completed Software Testing with java certification from Pentagon Space, Bangalore