

Varun Rachakonda

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Education

- **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

- **Languages:** Java, Python, C, SQL, Manual Testing, Automation Testing
- **Soft Skills:** Writing, Work Ethic, Patience, Flexibility

Projects

- **Automatic sieving machine for agriculture purpose** **ROLE :** team leader
Team Size : 4 feb 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 : blackgram, paddy e.t.c

- **Design and analysis of nine speed gear box** **ROLE :** team leader
Team Size : 4 jan 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 testNG Framework for Automated Testing**
Developed a hybrid TestNG framework to automate software testing processes, combining data-driven and keyword-driven testing approaches.
 - **Technologies Used:** TestNG, Selenium WebDriver, Java, Excel for data storage.
 - Sole developer responsible for designing, implementing, and maintaining the framework.
 - Achieved a 30 percentage reduction in manual testing efforts and improved test coverage by 20 percentage.
 - 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 codebase.

Languages

- English
- Hindi
- Telugu

Certificate

I have been trained and certified pursuing java and software testing training program from pentagon space, Bangalore