

## Peri Shanmukha Ram

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PortFolio : <https://shanmukhram1.github.io/portfolio>

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OBJECTIVE	Final year B. Tech student at Vellore Institute of technology-AP. Inquisitive, hard-working, and consistent. Looking for opportunities where I can apply my skills and contribute to real-world projects		
EDUCATION	Vellore Institute of Technology, Andhra Pradesh Bachelor of Technology (B. Tech), Mechanical Engineering Expected June 2021		CGPA: 8.4/10.00
	Sri Chaitanya Junior College, Kukatpally, Hyderabad Class XII (Senior Secondary Examination), Telangana Board of Secondary Education March 2017		Aggregate 91.3%
	Sri Chaitanya Techno High School, Kukatpally, Hyderabad Class X (Secondary Examination), SSC July 2015		CGPA: 9/10
TECHNICAL SKILLS	Languages : C++, JAVA Familiar : Matlab, Basics of ANSYS CAD software : SolidWorks, CATIA, AutoCAD, Fusion360.		
INTERNSHIPS	Aditya Precitech Private Limited: Assistant CAD Designer April 2019 - June 2019 Designing and drafting different views of products in SolidWorks		
	Illeniummai: CAD Equalizer	July 2020-Aug2020 Designed different products and also performed motion analysis as well.	
PROJECTS	Agri-Bot	Dec 2018- April 2019	
	Worked in a five person team to build an automated machine that completes every possible manual work into automation. This project mainly focuses on decreasing farmers efforts in works like plowing, watering to crops, etc. I Designed the Actuator for this di-wheel. <ul style="list-style-type: none"><li>Technology/Tools: Arduino UNO, Motor driver, Rf controller</li></ul>		
	Design and analysis of lengthwise gradient honeycomb core for obtaining graded beam properties		Jul 2020-Dec 2020
	Designed a gradient cell Honeycomb Structure and compared its properties like Beam deflection with regular cell Honeycomb structure. <ul style="list-style-type: none"><li>Technology/Tools: SolidWorks, ANSYS workbench.</li></ul>		
CERTIFICATION	<ul style="list-style-type: none"><li>Workshop on Kinematic Motion Analysis Using Adams by Vellore Institute of Technology-Amaravathi</li><li>Workshop on CNC and PLC Machines Vellore Institute of Technology-Amaravathi</li></ul>		