GURUPRASHANTH R

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Chennai

PROFILE SUMMARY

- B.Tech in Mechatronics engineering from Hindustan Institute of Technology and science, Padur.

- Ability to express technical concepts clearly to people with no technical background.

- Worked on academic project UGV for DRDO and currently working on Collaborative robotics

- Beginner in Programming language python and Machine learning applications

- Conversant with Matlab, Plc programming, Image Processing, Lab view, Artificial intelligence

- An effective communicator with logical thinking & analytical abilities.

EDUCATION

Bachelor of Technology (B.Tech), Mechatronics (2016 - 2020)
Hindustan Institute of Technology and science, Padur.
CGPA-8.5

XII th (Senior Secondary), Science
Year of Completion: 2016
TAMIL NADU STATE BOARD (Prince Matriculation Higher Secondary school)
Percentage : 90%

X th (Secondary)
Year of Completion: 2014
TAMILNADU STATE BOARD (Prince Matriculation Higher Secondary School)
Percentage : 97.8%

INTERNSHIPS

- IET workshop on the pneumatics and industrial robots.
- Industrial training on CNC machines
- Internship on Machine learning and artificial intelligence

ACADEMIC PROJECTS

1. Project Title : Unmanned Ground Vehicle Organization for DRDO
   Platform Used : AutoCAD ,Blender
   Contribution : Design, Animation
   Description : This project dealt with designing an autonomous vehicle which follows a group of soldiers with a payload of 200 kg

2. Project Title :Collaborative robots
   Platform used   :Webots
   Contribution: Algorithm Development
   Description: This one's deals with communication between robots for a specific task

3. Project Title : Home automation
   Platform used   :Python, Matlab and raspberry pi
   Contribution: Preparing datasets and Machine Learning
   Description: This project concentrates on making all the appliances of a Home intelligent and power saving using predicted power consumption

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SKILLS

	C Programming Beginner	Lab view Beginner
	Python Beginner	Matlab and Machine Vision Intermediate
	Machine Learning Beginner	Blender Intermediate
	AutoCAD Intermediate	PLC software Intermediate
	Webots Beginner	Unity Beginner
	HTML and CSS Beginner	OOPS and Data Structures Beginner

ADDITIONAL DETAILS

Languages Known: Tamil, English

Typing: Lower