



Rhithik Raj K

📍 Kannur - India

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ABOUT ME

Career-minded CSE student with a record of good marks in different subjects. Works hard on assignments and consistently meets objectives. Looking to experience the field outside the classroom and build foundational knowledge and skills. Having a CGPA of 8.16 in the 6th semester. Consistently working to update myself to meet the industry's needs. Hardworking, Self-Motivated student having good experience in Robotics, web development, Internet-of-Things, and Machine Learning.

CERTIFICATIONS

- ✓ **Pandas** - Kaggle
- ✓ **Python** - Kaggle
- ✓ **Robotics - Virtual Internship** - Kodacy
- ✓ **Cybersecurity Roles, Processes & Operating System Security** - Coursera

LANGUAGES

- ✓ English
- ✓ Malayalam
- ✓ Tamil
- ✓ Hindi

EDUCATION

- ✓ **Vellore Institute of Technology**
Bachelor of Technology - BTech, Computer Science with specialization in Artificial Intelligence and Robotics
2020 - 2024
- ✓ **Peralassery Government Higher Secondary School Kannur Kerala**
Computer Science
2018 - 2020
12th Grade: 93 Percentage
- ✓ **Rani Jai Higher Secondary School**
2017 - 2018
10th Grade: 98 Percentage

PROJECTS

- ✓ **Arduino Based Movable Robotic Arm**
It is a Arduino based robot which can controlled using an Bluetooth enabled app, app is created using MIT App Inventor. It can also be able to detect the obstacle and pick if it is needed by autonomously.
- ✓ **Arduino Based Automated Safety Rover**
It was completely done in online application called TinkerCad. It was Arduino based robot which will avoid the obstacle autonomously by detecting using ultrasonic sensors.
- ✓ **Automatic number plate detection**
It was done using python pytesseract module. We have used car images that collected from real life to run the model.
- ✓ **Agri Bot**
Agri Bot is a rover which is used to monitor the agriculture field such as moisture content, temperature and the smoke content in the field. According to their readings needed changes are done in the field by users. The monitoring of the field can be done using a mobile application which can also control the movement of the rover by connecting them using Bluetooth. Also ESP32 cam module is also incorporated inorder to control them in long range

SKILLS

- | | |
|-----------|-----------------------|
| ✓ Python | ✓ Android Application |
| ✓ C++ | Development |
| ✓ C | ✓ Java Servlet |
| ✓ Java | ✓ Java FX |
| ✓ Django | ✓ Hardware |
| ✓ Arduino | ✓ Internet-of-Things |
| ✓ SQL | ✓ Machine Learning |
| ✓ HTML | ✓ UiPath Studio |
| ✓ CSS | |