



TOUFIK KHAN

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Objective

Seeking for opportunities & eager to secure position where I can efficiently contribute my skills and abilities for the growth of the organization and my professional career.

Experience

- **Space Club RIT**
On board Computer Subsystem Engineer
We worked on the Experimental Payload Launch Vehicle (EPLV) rocket, which was launched for 1 km with successful parachute recovery. We gathered a variety of data, including temperature and pressure. As an OBC Engineer, I have experience with sensors & microcontrollers for data collection. We have also created a sensor-based automatic parachute opening mechanism.

Education

- **Rajarambapu Institute of Technology, Rajaramnagar**
Bachelor of Technology in Computer Science and Information Technology
- **Yashwantrao Chavan Institute of Science, Satara**
HSC Class 12
- **Maharaja Sayajirao Vidyalyaya, Satara**
SSC Class 10

Skills

- C
- Java
- C++
- Python
- IOT

Projects

- **Supply Chain Management of Crops using Blockchain**
We have used blockchain network in the agricultural field to ease the process of selecting crops for farming. This project is helpful for farmers as well as for stabilizing agriculture market.
- **Tic Tac Toe game using Java**
We built the Tic Tac Toe game using Java which is good for relaxation after too much of work.
- **Defective gears removal system**
We designed the system using Arduino Uno to remove the defective gears which lead to accidents of vehicles. The defective gears get removed before packing them.
- **Image Classification using CNN**
We tested over 60,000 images of dataset using Convolutional Neural Network. We classified the images as dogs, cats, bikes etc using CNN. It can be efficiently used in robots or in any image classification problems.
- **Farming Information Application**
We have built the app for farmers which includes all the details of Crops for farming. With the help of this app, efficient farming can be done to gain more profit to farmers.