



Rohan S Majigoudar

Automation and Robotics Engineer

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📍 Hubballi-Dharwad, India

📅 20 August, 1998

EDUCATION

Automation and Robotics Engineering

KLE Technological University

08/2016 – Present

8.62 CGPA

Pre-University

Chetan Pre-University College

06/2014 – 03/2016

87.5%

Primary Education

St. Paul's English Medium School

06/2002 – 04/2014

92.1%

WORK EXPERIENCE

Intern

Center for Automation Systems Engineering (CASE)

06/2019 – Present

Hubli

CASE specializes developing automation solutions to the existing machines, manufacturing new and innovative machines and products for the industries

Tasks

- Integration of PLC with IoT
- Programming of PLC for hardware actuation Connection of PLC with OPC server

Contact:

Prof. Arunkumar C Girypur

+91-9449052209

Swatch Bharat summer Internship

06/2018-08/2018

Achievements

- Secured 7th position in the National Level Competition and acquired certificate of commendable performance by Mitsubashi Electric India Pvt.Ltd(factory automation division)
- One of the Top 24 finalists in Robocon 2018 organized by Asia-Pacific Broadcasting Union (ABU).
- Participated in product development event, Pupa 2017,2018 and selected for Butterfly competition

SKILLS

C

Python

ROS

HTML

HTML5

CSS

Bootstrap

MySQL

MongoDB

Node.js

JS

Angular.Js

Micro-controller Programming

Solidworks

AWS

Codesys

RESEARCH PROJECT

Ajit (Humanoid Robot) (08/2019 – 01/2020)

Developed a humanoid robot named Ajit which was an effort to assist and help the old-aged people.

Integration of SLAM and Navigation using Intel RealSense camera that would collect real-time 3D point cloud.

PROJECTS

Automatic Storage and Retrieval System with IoT solution (09/2019 – 02/2020)

The Project was showcased at MITSUBISHI ELECTRIC CUP India and has secured 7th position among 16 states and 278 teams participating in the same.

The project was mainly developed to address IOT solutions for smart industry applications and to keep track of the KPI values to the designated employees of the industry. The system was used to demonstrate autonomous storage and retrieval of goods in the warehouse

Delta Robot (06/2019 – 09/2019):

An industrial project aims at picking up the products in groups or aligning the orientation of the product and placing them in a container for storing and packing the goods in the industry.

Autonomous 4-Wheeled robot (Robocon-2019)

(08/2018 – 12/2019)

The aim of the project was to develop a messenger robot 1. The Messenger robot 1 will traverse through a given path in shortest time and pass the Greg to messenger robot 2 and throw the Shagai in the throwing zone to achieve points

Autonomous control of door using Face Recognition (03/2018-04/2018)

This project aims at designing an automatic door that unlocks/locks by recognizing the face based on digital image processing. The door unlocks only when the face is recognized. Raspberry Pi was used as a micro controller to capture the data and perform the required processing. A custom-made GUI and data base to keep the log data of users.

Quiz GO (01/2017-04/2017)

An innovative product Quiz machine made for primary class students, which makes it easy for them to take up the tests anywhere at any time (by wifi module and IOT). And also sync the study material and curriculum with the class teacher

Sensor Guided Robot (08/2017-11/2017)

A 3 wheeled drive bot which follows a certain path using line sensor and controlled by Bluetooth.

CERTIFICATES

- Center for Automation System Engineering
(06/2019 – 09/2019) *Internship*
- Completed Swatch Bharath summer internship.
(06/2018-08/2018) *Internship*
- ROBOCON-2018, a National robotics competition
(Top 24 teams of India)
- PUPA 2017 & 2018. Product development
competition
- Completed Web development certification from
Internshala.
- Certificates from inter-school competition.

LANGUAGES

English
Hindi
Kannada



INTERESTS

Badminton

Football

Chess

E-Gaming

Web page Design

Travelling