

# Rishabh Sinha

(+91) 8544324238  
[rishabhsinha220@gmail.com](mailto:rishabhsinha220@gmail.com)  
Skype ID:  
live:rishabhsinha220

Seeking opportunity to begin my career with an organization where I can utilize my skills and gain further experience while enhancing the company's productivity and reputation.

## PERMANENT ADDRESS

- Basedeo Jhari appt, Vednagar, Patna 800014

## CURRENT ADDRESS

- Zolo hermoso , HSR Layout Bangalore 560102

## RESEARCH PAPERS

1. Paper Id: ICITC\_076  
Paper Title: Temperature Sensing and control of thermoelectric cooler.

Scopus ID

<https://www.scopus.com/authid/detail.uri?origin=AuthorProfile&authorId=57200146036&zone=>

## EXPERIENCE

### Praktice.ai

Python Developer

January 2020 - April 2020

- Data-driven cloud computing on Amazon Web Services (AWS) to build, improve, and deploy scalable healthcare AI assistant.
- Primarily used python 3.6 to write cloud computing applications and worked with SQL and NO-SQL Databases like Aws RDBMS, Aws DynamoDB.
- Worked with various API for different Serverless Applications.
- Deployed the Ai assistant for the various hospital such as Fortis Healthcare, Columbia India Hospitals, Kauvery hospitals, Apollo Hospital etc.
- Design and implemented a system to fetch data of patients from broken or incomplete conversation and generate lead for that by sending mail to hospital about the lost lead.
- Modified current NLP Logic system to a newer version that can give response based on the type of conversation and Hospital instead of a fixed response for all normal daily conversation.
- Created whole flow for Covid19 and international patients from scratch that included screening for the risk of corona virus to booking for online consultation as well with the doctor.
- Worked on Google app script for the purpose of modifying data on google sheets and use the data for any purpose required.

### Rugved Systems

March 2018 - January 2020

- Worked on an autonomous self aware vehicle that can detect the terrain and obstacles around it and can select a particular path to reach its final destination.
- With this project Participated in IGVC 2018 and secured 2nd position with my team in the design Sub category.

## SKILLS AND INTERESTS

Research

Arduino

Python

C/C++

CATIA

AWS Services

Dialog Flow

Linux

Django

DataStructure

Machine Learning

Hybrid and Electric Vehicles

## Reference

**Dr Chandrashekhkar Bhat,**  
Professor and HOD of  
Department of Mechatronics  
Engineering,  
chandra.bhat@manipal.edu

**Shashank Pansari,** Assistant  
Professor Mechatronics,  
shashank.pansari@manipal.edu

**D A P PRABHAKAR,** Assistant  
Professor Mechatronics,  
pavan.prabhakar@manipal.edu

## LANGUAGES

English , Hindi

## EDUCATION

### Manipal Institute of Technology

MONTH 2016 - MONTH 2020

BTech - Bachelor of Technology, Mechatronics, Robotics, and Automation Engineering

## ELECTIVES

- Electronic Product Design and Packaging,
- DATABASE MANAGEMENT SYSTEMS,
- INTRODUCTION TO LINUX AND SHELL SCRIPTING,
- VEHICLE DYNAMICS,
- ARTIFICIAL INTELLIGENCE

## PROJECTS

1. Self Balancing Bot using Arduino and Accelerometer with implementation of PID Controller .
2. Line Following Bot using Arduino and IR sensor.
3. Maze Solving Bot with Arduino and IR sensor.
4. Thermal Image Classifier for land and water body detection using Perceptron learning algorithm and Edge based segmentation of image.
5. Weather app with Django with real time weather update using REST api.