

RIBHU SENGUPTA

B-TECH

COMPUTER SCIENCE ENGINEERING

A Competitive Programmer and Robotics Enthusiast.



ribhu14.engineer@gmail.com

+91-9748220798

Jamshedpur, INDIA

ribhuswatgov.github.io/my_new_cv

EDUCATION

Computer Science Engineer

Bengal College Of Engineering

06/2016 - 06/2020

7.8 CGPA

Computer Science

- Roll No - 26000116043

Higher Secondary School

Sarvodaya Paramount School

05/2013 - 05/2015

70 %

Mathematics

- Roll No- 6644728

Senior Secondary School

Ramkrishna Vivekanand Vidyapeeth

03/2012 - 03/2013

8.2 CGPA.

CBSE

- Roll No-1219804

WORK EXPERIENCE

Intern and Trainee

Techmaniacs Eduservices

06/2018 - Present

New Delhi, India

Specialization in Embedded Systems and Autonomous Robotics

Achievements/Tasks

- Developed Smart IoT based Home Automation in Raspberry Pi using Amazon Web Services(AWS).
- Implemented Python Skills to build Smart IoT based Theft Detection System with PI-Camera Module Using Raspberry Pi.
- Designed and Developed Smart IoT based Weather Monitoring System Using Arduino.

Contact : Jeevesh Awal (Mentor) - 7838578189

Trainee and Intern

Anovatech Institute Of Crystalline Technology(AICT)

05/2017

Durgapur, India

Purely Based On Embedded Systems and Programming

Achievements/Tasks

- Coded for Smart Hand Gesture Recognition Glove for Dumb and Deaf using Android Application in Arduino Platform.
- Designed and Developed GSM based Home Automation.
- Coded for GPS navigational System Using NEO 6M in Arduino.
- Designed and Developed Smart IoT Based Home Automation System using ESP8266.
- Designed Working Algorithm and Coded for SMART IoT Based Agriculture Monitoring System.
- Builded Final Year projects of Colleges as being Intern.

Contact : Krishna Kumar Yadav (Mentor) - 9051568753

SKILLS

Python

C++

IoT

Data Structures and Algorithms

HTML CSS JS

React

Angular

.NET

MSSQL

PERSONAL PROJECTS

My Own Webpage Resume (12/2020 - Present)

Home Automation using Amazon Alexa.
(07/2018 - 07/2018)

Smart IoT Based Augriculture Monitoring System.
(08/2018 - Present)

Smart IoT based Weather Monitoring Project
(10/2017 - 01/2018)

Bluetooth Controlled Speech Recognized Home Automation System. (10/2017 - 12/2017)

Bluetooth Control Smart Car in Arduino using ESP8266 (Wifi Module). (09/2017 - 10/2017)

Gesture Control Car using Acclerometer ADXL 345 3-Axis in Arduino. (06/2018 - 06/2018)

Wifi Based Home Automation using ESP8266.
(07/2018 - Present)

ORGANIZATIONS

Team Technika Bengal College Of Engineering
(02/2017 - 08/2019)

Designation -Technical Representative

LANGUAGES

English



Hindi



INTERESTS

Programming

Electronics

Robotics