

HARISH MOHANTY

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Aiming at pursuing a highly rewarding career, continuing work in challenging environment where I can use my strong organizational skills, educational background and ability to bring innovation to the existing inventions with my strength and idea.

EXPERIENCE IoT and Embedded System Developer | Udiyate Technologies Pvt Ltd

Associate Software Engineer | Cavission System Inc.

- Worked on Web Application Development using Core JAVA and JSP
- Backend Management in Linux Shell Script and C++

IoT and Embedded Programmer | Intel Maker Lab

- Worked on MQTT Protocol and Raspberry Pi using Python

PROJECT WORK

IoT Based Mock tail Vending Machine

- Designed a customized mother board for the machine and implemented one special controller routing mechanism with remote programming and maintenance.

Gesture Controlled Prosthetic Arm

- Designed a precise circuit and programmed the arm with a flexible algorithm with Advanced MEMS sensors.

Android Based Home Automation System

- Designed an android app using Android Studio and embedded it with Microcontroller Development board using GSM Technology.

Persistence Of Vision Display

- Made complete transparent visual display using the concept of POV.

Maze and Grid Solving Autonomous Robot

- Implemented one left hand algorithm to find the shortest path of traversal for a robot in line maze as well as in a grid maze.

Electronics Chameleon

- Designed electronics RGB Chameleon that changes color depending on the object next to its eyes.

Anti-Ragging Android App

- Developed one Anti-ragging app that gives one SOS to the registered authority regarding the date time and location of college campus with nearest CCTV camera IP.

KinderGarden Study App

- A smart and attractive learning app for kids.

EDUCATION **B.TECH (ELECTRICAL AND ELECTRONICS ENGINEERING) | BPUT, ODISHA**
12th | CHSE, ODISHA
10th | BSE, ODISHA

SKILL **ELECTRICAL CONTROL SYSTEM**

- PLC
- Embedded System

AD

- Proteus Professional
- Eagle
- Or cad

PROGRAMMING LANGUAGE

- C
- C++
- JAVA
- Python

APP DEVELOPMENT

- Android Studio
- Eclipse ADT

COMMUNICATION CERTIFICATION

- Business English Certification, Cambridge University

**EXTRA
CURRICULAR
ACTIVITIES**

- Qualified to the International Round defeating UAE in IARC Robotics event at IIT Kanpur.
- Winner of Autonomous Robotics Championship in Silicon, Trident, C.V. Raman College, IIIT BBSR, GIFT BBSR.
- Got 1ST Prize in elocution at national science congress and received award from honorable Governor of Orissa.
- Got 3RD in the inter-state debate competition and received award from Honorable Chief Minister of Odisha.
- Got Man of the match in Veteran Association Cup Cricket, Odisha

**SIDE FOR
FUN**

I love to break gadgets and remaking something new from it, have keen on making DIY projects, fond of cooking non-vegetarian Indian recipes.

And not to mention, I am a "Cricket-holic" who is always ready to spend his entire holiday in the cricket ground.

**PERSONAL
DOSSIER**

Date of Birth : 8th JANUARY, 1995

Permanent Address : Plot- 436/6878, At-Chakeisihani, Bhubaneswar-751010

Linguistic Proficiency: English, Hindi and Odia
