



# CHAYAN MISTRY

B.Sc. in Electrical and Electronic Engineering  
Mongla, Khulna, Bangladesh

I love both electronics and programming. Most of my works are hardware and software combination. I've done so many Hardware-based projects & developed some Android application. I also work with Embedded system, IoT, Robotics and industrial automation. I've gained a lot of experience from working. My aim is to obtain a position where I could effectively apply my skills and knowledge that I've learned and to give an opportunity to work productively and accurately.

## EXPERIENCE

**MAR 2020 – PRESENT**

**SOFTWARE ENGINEER**, WALTON HI-TECH INDUSTRIES LTD.

Walton is the giant professional manufacturer in the relevant industry and has gained high reputation in terms of its unbeatable capability for producing Electrical and Electronics goods in the most competitive way in aspect of quality, cost, design and innovation.

**NOV 2019 – FEB 2020**

**SENIOR ANDROID DEVELOPER**, APPSINCEPTION

It's actually a UK based company. Main company is Perfect Edge Technologies Limited. Now developing their android app Carnotautomart. It is a platform that help to find new & used car in Nigeria.

**AUG 2017 – OCT 2019**

**ANDROID DEVELOPER**, XOR SOFTWARE SOLUTION

Developing application for clients and working with a company project. Here I have finished quite many Apps and working with 3+ Apps now. The Apps I have developed are Admission Ninja, Treebhai Ride, App2AppCall, Easy Trade Coin etc.

**OCT 2015 – PRESENT**

**LEAD HARDWARE ENGINEER**, PROJECT [R] LAB

Working with innovative idea and developed it. Most of the projects are Robotics, Automated System & IOT based. I worked with a project Detecting Seismic Waves with Android and IOT.

## EDUCATION

**2014 - 2018**

**B.SC. IN EEE**, NORTH WESTERN UNIVERSITY, BANGLADESH

3.69 (Out of 4.00)

**2010 - 2012**

**HIGHER SECONDARY SCHOOL CERTIFICATE**, DIGRAJ DEGREE COLLEG

4.10 (Out of 5.00)

## HONORS & AWARDS

MAR 2017 • TECHKRITI, IIT, KANPUR

### INNOVATION CHALLENGE – TECHKRIT 17

Champion at TIC in TechKriti17. Our Project was Blind Helper, which was developed to help blind people.

OCT 2015 • GDG DHAKA

### GDG STUDY JAM BANGLADESH

My Project Electronic Assistant got 1st place in final project submission on that training program.

JUN 2015 • ICT MINISTRY OF BANGLADES

### NATIONAL ANDROID TRAINER & INNOVATIVE APPLICATION DEVELOPMENT PROGRAM

My Project Electronic Assistant got 1st place in final project submission on that training program.

## SKILLS

- Arduino
- Atmel AVR
- PIC Microcontroller
- ESP8266
- ESP32
- Raspberry Pi
- Basic Electronics
- PCB Designing
- AC/DC Motor
- Java
- Android
- Flutter
- C/C++
- Python
- TensorFlow

## TRAINING & COURSES

- GDG Study Jam
- Microcontroller - AVR, PIC
- Course on PLC Programming from Udemy
- IOT using NodeMCU (Powered by ESP8266), Micro Python & PyCharm
- National Android Trainer & Innovative Application Development Program

## LANGUAGE

### NATIVE LANGUAGE

#### BANGLA

Fluent in Speaking, Good Reading and Writing

### OFFICIAL LANGUAGE

#### ENGLISH

Poor in Speaking, Good in Reading and Writing

# PROJECTS

## MOBILE APPLICATION

- ThreeBhai
- Admission Ninja
- App2AppCall
- Carnotautomart
- The Foodies
- OpenCV Bot
- Blue Terminal
- Capacitor Calculator
- AVR Fuse Calculator
- Fluid Navigation Gestures
- Bangla Handwritten Recognition
- Object Recognition TensorFlow Lite

## HARDWARE & MICROCONTROLLER

- AVR MCU Based Projects
- PIC MCU Based Projects
- IOT Based Projects
- EEG Based Robot
- Maze Solver
- Shortest Path Finder
- Remote Controlled Dimmer Switch
- Voice Controlled Home Automation
- Battery Charger Controller
- Working on TFT Touch and Various Types Display
- Working on Mobile Vision Integrated with Hardware

# INTERESTS

- |                                |             |
|--------------------------------|-------------|
| • Machine Learning             | • Cricket   |
| • Artificial Intelligence      | • Badminton |
| • Robotics                     | • Music     |
| • Internet of Things (IoT)     |             |
| • Automation & Embedded System |             |
| • Research & Development       |             |

# RESEARCH & THESIS

## THESIS TOPIC


An IOT Based Industrial Fire Safety and Security System

## PERSONAL INFORMATION

Date of Birth	15 Oct, 1995
Nationality	Bangladeshi
Permanent Address	Road 13, House 61, Sonadanga 2 <sup>nd</sup> Phase, Khulna
Present Address	Holding 77/1, Digraj, Mongla, Bagerhat
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LinkedIn	<a href="https://www.linkedin.com/in/chayanforyou/">https://www.linkedin.com/in/chayanforyou/</a>
GitHub	<a href="https://github.com/chayanforyou">https://github.com/chayanforyou</a>

## DECLARATION

I do hereby declare that the above information is true and correctly describes my qualifications and myself to the best of my knowledge.



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Chayan Mistry