

# Basil Skaria

Pursuing B.Tech in Computer Science and Engineering,  
Knowledge in mathematical modeling and formal systems.  
Unconventional, creative and people-oriented with project management  
experience. Learn through experimentation and reading.

## Contact

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## EDUCATION

### Muthoot Institute of Technology and Science, Cochin — B.Tech (2016-2020 Batch)

June 2016 - Present

Gained a lot of industry level feedback, by participating in various  
technical events. CGPA of 7.43 until 6th semester.

### Mother Teresa Pre-University College, Mysore - 12th grade

June 2014 - March 2016

Secured 74% in 12th grade

### Kendriya Vidyalaya, Bangalore — 10th grade

June 2011 - March 2014

Secured 8.8 CGPA

## PROJECTS and ACTIVITIES

- ❖ V2X Communication Platform (Final Year Project Ongoing)
- ❖ Developed Line Following Robot
- ❖ Programmed autonomous vacuum cleaner
- ❖ IoT based water management system (Mini Project)
- ❖ Learned and implemented Blockchain based certificate authentication
- ❖ Designed traffic sign board classification using CNN
- ❖ CNN model optimization for Raspberry Pi
- ❖ Designed and developed autonomous braking system for cars
- ❖ Website Development for Vyapti 2k19 Techfest

## ACHIEVEMENTS

- ❖ Mathematical model of line follower, Turing Machine construction.
- ❖ Image Classification CNN model for fast computing in Raspberry Pi, working on generalization.
- ❖ ACCS Design Challenge, Special mention for Autonomous braking system

## SKILLS

Programming Knowledge in C,  
Python  
Familiar with Arduino Uno,  
Raspberry Pi, Node MCU,  
BeagleBone Black  
Familiar with Iot, AI, Blockchain

## SOFT SKILLS

Punctual  
Adaptive  
Problem solving  
Patience  
Teamwork

## INTERESTS

Travel, Food, Music  
Reading Non-Fiction Books  
Coding, Gaming  
Sustainability

## LANGUAGES

Hindi  
Malayalam  
English  
Kannada

## EXTRA-CURRICULARS

TAEKWONDO BLACK DAN 1

## CERTIFICATIONS

→ **Streaming Analytics**, basics for Python Developers, IBM

→ **AMCAT :**

❖ Quantitative Ability (Advanced) :	710
❖ English Comprehension :	545
❖ Logical Ability :	565
❖ Computer Programming :	515
❖ Automata :	73 out of 100

## CLUBS, PROGRAMS AND TRAININGS

- ❖ **Placement Cell at MITS**, Student Convener
- ❖ **MATH Club at MITS**, Student coordinator
- ❖ **Clique Association**, Treasurer
- ❖ **Workshop on Arduino Programming**
- ❖ **ROBORAVE India 2016**, Held at Cochin
- ❖ **Workshop on Line Following Robot**
- ❖ **Participated in MITS Hackathon 2018**
- ❖ **ADCOM 2018**, Attended 24th International Conference in Advanced Computing and Communication
- ❖ **Volunteered MITS Hackathon 2019**
- ❖ **Vyapti Techfest at MITS**, Finance coordinator
- ❖ **Faculty Development Program 2019 at MITS**, Training based on advances in technology