

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

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

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

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