



# Ashwin Raj

## Career Objective

To obtain a embedded system engineer position with an electronics company where my electrical and programming skills together can help in the design and development of microprocessor for various devices

## Personal Information

Father : Rajan.

Mother : Nisha.

Sex : Male.

Nationality : Indian.

Marital Unmarried.

Status :

## Education

Degree	School/University	Passing year	Pass Percentage
Class 10	Auxilium Nava Jyoti	2011	84
Class 12	Auxilium Nava Jyoti	2013	85
B.Tech ( Electrical and Electronics Engineering)	College of Engineering Trivandrum	2018	81.1 ( 4 semesters )

## Projects

1. Object tracking robot with pan and tilt motion
2. Line follower without microcontroller
3. Line follower with microcontroller
4. Bluetooth controlled robot
5. Self Balancing Robot, with line following capability

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Kozhikode, Kerala

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## Training

- Android development workshop
- Microcontroller workshop(ATMEGA)
- Industrial Training at Bosch Rexroth

## Publications

None

## Technical Skills

- Microcontroller circuits
- Microcontroller programming
- Making mobile robots
- Knowledge about PID controller
- Creating mathematical model of Mobile robot
- PCB designing
- Programming Languages
  1. C
  2. C++
  3. Java

## Soft Skills

1. Languages
  - English
  - Hindi
  - Malayalam

## Extra-curricular activities

- Badminton
- Football
- Chess

## Co-curricular activities

1. Held position as Project Co-ordinator of RoboCET
2. Conducted classes relating to robotics
3. Conducted workshop on Microcontrollers
4. Part of Exhibition on Robotics by Robotics Club

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## References

- Dr. Jisha V.R  
3rd year Staff Advisor  
9496587721  
jishavr@cet.ac.in
- Dr. Anu A.G  
9447661826

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## Declaration

I hereby declare that the above mentioned information is true to the best of my knowledge and belief

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## Date

24 April, 2017