



# Raj Mohan

Manager,  
Mobile Robotics

- Aug 22, 1992
- Kalathil, Arattuvazhy, Alappuzha -7, Kerala
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## Programming

- C++ ●●●●●
- Python ●●●●●
- Arduino ●●●●●
- Embedded C ●●●●●
- MATLAB ●●●●●

## Skills

- ROS ●●●●●
- Mobile Robotics ●●●●●
- Electronics ●●●●●
- Mathematics ●●●●●
- Linux ●●●●●

## Languages

- English ●●●●●
- Malayalam ●●●●●
- Hindi ●●●●●
- Tamil ●●●●●

## Experience

- Jan'18 - Now **Manager, Mobile Robotics - Addverb Technologies, Noida** Start Up  
Development of **Autonomous Mobile Robots (AMR)** for the warehouse management.  
Focusing on **navigation and localization** of the robots.  
Involved in the development of 3-D vision based bin picking robot.  
Hands on experience with Industrial manipulator like ABB 1200 and collaborative robot like UR5, UR10
- 2017 - 2017 **Robotics Engineer - Admatic Solution, Chennai** Start Up  
Development of mobile robots with bar code based navigation, for warehouse automation
- 2016 - 2017 **Robotics Intern - TCS Innovations Lab** MNC  
Development of mobile robot for the monitoring of car parking  
Development of T-Analyzer (Toilet Analyzer) to analyze and detect various odour levels in rest rooms/toilets
- 2014 - 2015 **Assistant System Engineer - TCS, Kochi** MNC  
Associated with the testing and quality assurance team of TCS, Kochi
- 2013 - 2014 **Student - Government Engineering College, Thrissur**  
Development of a mobile robot that can be controlled by hand gestures.  
Development of a device named Pre-Paid Energy meter that introduced a concept of prepaid/rechargeable electricity and that bring a control over the usage of electricity

## Education

- 2015 - 2017 **Masters, Robotics And Automation** Amrita University  
Completed M.Tech in Robotics and Automation with University first rank and gold medal (9.32 GPA)
- 2010 - 2014 **Bachelors, Electronics and Communication** Calicut University  
Completed B.Tech in Electronic and Communication (7.58 GPA)
- 2008 - 2010 **Higher Secondary Examination** State Board  
Completed 12th, Higher Secondary Examination with specialization on Computer Science with 96.6 %
- 2007 - 2008 **High School Examination** State Board  
Completed 10th, High School Examination with 95.0 %

## Achievements And Participation

- 2018 - Now Deployment of mobile robotics solution in sites, across the country
- 2016 **University gold medalist**, Masters in Robotics and Automation
- 2015 Attended a 7 days workshop in IIT Jodhpur on 'Aerial Robotics' by Dr. Vijay Kumar
- 2010 - 2014 Participated in RoboWar competitions as part of various techno-managerial fests.
- 2010 School-Topper for the Senior Secondary Board Examinations

## Publications

- 2017 UAV based security system for prevention of harassment against woman ICICICT

## References

- Ms. Gayatri Manikutty

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