

# SARATH M

'Saranya'  
North Paravoor, pin: 683513  
Ernakulam Dist, Kerala  
☎ +91 9496354518  
✉ sarathm00@gmail.com  
🌐 SarathM1  
🌐 msarath

*Seeking a challenging job in an organization where I can  
follow my passion for Programming*

## Professional Experience

Company	Position	Duration
<b>WireWords Academy</b>	<b>Embedded System Engineer</b>	<b>January 2015 till Present</b>

## Education

- 2014 **Advanced Course in Embedded Systems,,**  
Vector India Institute,  
Bangalore, Karnataka.
- 2010–2014 **B.Tech in Electronics and Communication,**  
Govt. College of Engineering Cherthala,  
CUSAT University,  
Kerala,  
65.97%.
- 2010 **12th Grade,**  
Talent Public School,  
CBSE,  
Njarakkal, Kerala,  
80.6%.
- 2008 **10th Grade,**  
Talent Public School,  
CBSE  
Njarakkal, Kerala,  
83.2%.

## Academic Projects

- **Major Project: Hexapod Robot For Agricultural Application**

It is a versatile six legged robot optimised for uneven terrain. The applications include planting crops, weed detection and sensor data collection.

- **Minor Project: Godown Automation**

It was an attempt to automate a godown by including sensor based smart lighting and an anti-theft alarm.

## Seminar

- **Permanent Magnet Generator For Powering Implanted Devices**

The seminar is about a system that is self-contained and reliable which can continuously provide power to artificial implants by the principle of electromagnetic induction.

## Awards & Achievements

2014 **SRISHTI 2014**, *State Level Project Competition*.

- The Project "**Hexapod**" was selected as **Top 13** in the finals
- Project Competition was organised by
  - AICTE
  - Startup Village
  - Kerala Financial Cooperation
  - Saintgits College

2005 **Black Belt 1st Degree in Karate**.

Awarded in Shito-Ryu style of Karate

## Soft Skills

- Good Managerial and Communication Skills
  - Elected as College Senate Member (2011-2012)
  - Training and Placement Cell Co-ordinator (2012-2013)
  - Active member in NSS, IEEE & Nature Club
- Patient and Active listener
- Fast Learner; Willing to be Trained

## Technical skills

- o *Programming:*
  - C
  - C++
  - Python
  - Web Developement Using Python
  - Linux System Programming
  - GUI Developement Using QT Framework
  - SQL
  - Revision Control using Git
  - Latex
- o *Hardware Platforms*
  - Raspbery Pi
  - BeagleBone Black
  - 8051
  - Arduino.
- o *IDE's*
  - Keil 4
  - MPLAB
  - Eclipse

## Personal Details

Name	: Sarath.M
Mother's Name	: Leena.N
Date Of Birth	: 27/09/1992
Sex	: Male
Current City	: North Paravoor, Kerala
Languages Known	: English, Malayalam, Hindi

## References

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| o Mr. Jeevan George<br>R&D Engineer,<br>Indian Industrial Machines Pvt. Ltd.<br>Peenya Industrial Aria<br>Bangalore<br>No: +91 8792575034<br>mail: jeevangeorge@outlook.com | o Dr.Vinu Thomas<br>Associate Professor,<br>Electronics & Communication Dept.<br>College of Engineering,Cherthala,<br>Kerala<br>No: +91 9526405206<br>mail: vt@mec.ac.in |
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