



# Aswanth Ramana S M

Computer Science Engineer

## Contact Details

 184F/20/01, ASUWATHIKA  
ILLAM, PENNICUICK NAGAR,  
BANGALAMEDU, THENI.

 aswanthramana.cs20@bitsathy.ac.in

 asro19032002@gmail.com

 +91-6382748805

 GitHub :  
<https://github.com/AswanthRamana>

 LinkedIn :  
<https://www.linkedin.com/in/aswanth-ramana-s-m-931b13228/>


## Education


**BANNARI AMMAN INSTITUTE OF TECHNOLOGY**  
B.E. - COMPUTER SCIENCE ENGINEERING  
2020 - 2024  
9.02 CGPA (\*upto 4th sem)


**THE VELAMMAL INTERNATIONAL SCHOOL**  
HIGHER SECONDARY SCHOOL CERTIFICATE  
2018 - 2020  
80.8 %


**MARY MATHA MATRIC HIGHER SCHOOL**  
SECONDARY SCHOOL LEAVING CERTIFICATE  
2017 - 2018  
88 %


## Skills


C, C++ 

SQL 

HTML, CSS, JS 

MATHEMATICS 

TEAM MANAGEMENT 

TIME MANAGEMENT 

## PROJECTS

**Life Guard Gloves for ICU patients** 4 months  
JUNE - SEPT 2021  
ROLE : SOFTWARE DEVELOPER [ TEAM MEMBER ]

A wearable device which will detect the data of the person in ICU and send these dynamic data to the doctor, nurse and patient attender. The future disease of the patient like heart disease will also detect by the past data. The data are received by the firebase.

**Vehicle Theft Detection and Tracking Sytem** 3 months  
OCT - NOV 2021  
ROLE : SOFTWARE AND HARDWARE DEVELOPER [ TEAM LEADER ]

A device that is used for tracking and locating a vehicle or any vehicular assets that is being stolen or lost with the help of IoT Technology.

**Autonomous Surface Water Vehicle** 6 months  
FEB - JULY 2022  
ROLE : SOFTWARE DEVELOPER [ TEAM MEMBER ]

A fully automated surface vehicle which moves along its coasts and makes directions by analyzing its surrounding using RP Lidar ands makes decision according to it. It avoids all the obstacles along its way by combining all the images which is captured by RP Lidar before a certain distance of the obstacles.

**Programming a Microcontroller Wirelessly** 5 months  
AUG - DEC 2022  
ROLE : SOFTWARE AND HARDWARE DEVELOPER [ TEAM LEADER ]

A Li-Fi technology is used by us to control the devices deep underwater, In order for Underwater Observatory Systems to wirelessly control or modify their controller underwater that is protected by a watertight shell.

## INDUSTRIAL INVOLVEMENT

Underwent Internship on the topic of Internet of Things(IoT) as "Barola Technologies" - June 2021

## CERTIFICATIONS

- Ethical Hacking in MyCaptain on May 2021
- HTML Workshop in GeeksForGeeks on July 2021
- Artificial Intelligence in Accenture on August 2022
- Python Beginners in Udemy on January 2022

## Languages

- ENGLISH (R-W-S)
- TAMIL (R-W-S)

## Area of Interest

- Design and Product development
- Web development
- IOT
- Database Management

## Hobbies

- Football
- Cricket
- Gaming (PC and Mobile)
- Manga Reading

## Personal Information

Date of Birth : March 19, 2002  
Father Name : Murugesan R N  
Mother Name : Selvabama C  
Mother Tongue : Tamil

## Co-Curricular

- Worked as a Software team member in RoboBoat project USA.
- One of the developer in Nanocopter AI Challenge project Netherland.
- Worked as a team Lead in Programming a Microcontroller Wirelessly for Smart India Hackathon (SIH) 2022.
- Worked with more than 6 teams, 3 as team member and 3 as team leader.

## Achievements

- One of the top 50 winner groups in EW project Contest organized by Mouser Electronics in 2021.
- Entered into top 10 teams of finalists in Interizon Hackathon organized by Innovation Geeks in 2021.
- Entered into Grand Final of Smart India Hackathon (SIH) 2022 and secured a rank among the top 3 finalists.
- Entered into top 5 teams of finalists in Electrofocus'22 organized by Madras Institute of Technology in 2022.
- Winner of PAPER-N-ZA a paper presentation event organized by Bannari Amman Institute of Technology in 2022.

## Patent

Filed Patent for "Vehicle Theft Detection and Tracking System" on 2022.

## Declaration

I ASWANTH RAMANA S M declare that all the details provided above are true to the best of my knowledge.

DATE: 23.02.2023

PLACE: SATHYAMANGALAM

