

# SRINATH M

## Objective

To associate with an organization that could provide me an opportunity to enhance my skills and knowledge and will make me a better person fitting into the organization to achieve professional growth with the organization.

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## EDUCATION

### B.E. (Electronics and Communication Engineering)

Mailam Engineering College / Anna University

08/2019 - Present

CGPA - 8.9

### HSC

Montfort Matric School - Tindivanam

06/2017 - 03/2019

Aggregate 66.7

### SSLC

Montfort Matric School - Tindivanam

06/2016 - 03/2017

Aggregate 91 %

## PROJECTS

### Global-SmartStethoscope,Pulse Oximeter & Spirometer

- This project is based on Artificial intelligence to Globally Monitor Heart Beat, Respiratory rate, Blood Oxygen level, and lung volume from anywhere in the World using patients' ordinary 2G cellphone.
- Principle: It is working on the principle of Photo Plethysmograph.
- Working: Sensing is carried out on the finger using a Bio-sensor and the data is transferred to the remote location through an ordinary 2G Cellphone. The data is received anywhere in the world using a cell phone. The Heart rate, Respiratory rate, Blood oxygen level & Lung volume are displayed on a Digital display monitor.
- Features:
  - # Nil operating cost.
  - # Auto operation of Sensor unit.
  - # patients identification is possible.
  - # patients help not needed. Can be used to Monitor home quarantined Corona Infected patients from the regional Hospitals.

### Accolades

- All the Innovations that I had developed in the past 3years had been Published in various Tamil and English Newspapers and were also Broadcasted by most of the Tamil TV News Channels. They went viral on social media. one of my Projects had 1.5 lakh viewers on SUN TV prime-time News.

## SKILLS

BASICS IN PYTHON

C

C++

HTML

CSS

Javascript

Communication skill

Innovative

## ACHIEVEMENTS

### Smart Stethoscope (01/2020-03/2020)

Won 1st prize for it from Anna University in a State level Bio-Medical Projects Expo on 3/3/2020 - held at Chennai campus. Received an offer for a Full Stack Web Development course worth 1700 dollars from "MIT Global services."

### CashPrize

Received cash prize ₹2500/ from Anna University. Received cash prize ₹5000 for design and development of Science Projects during school days.

### Fire Alarm

Won Director's medal in Abdul Kalam Ignite Exhibition for a Fire Alarm with SMS alert (2015).

### Solar, Hydro Electric, and Windmill powered Green House

Won 1st prize for Solar, Hydro Electric, and Windmill powered Green House in a Distinct level Exhibition (2014).

### HONOUR

Once especially honored with a Shawl by the District Collector of Villupuram for my collections of Innovations in a District Exhibition.

### Mobile Charger in Bicycle

Won 2nd prize for Mobile Charger in Bicycle (District level Exhibition (2015).

### Seminar

presented a slideshow on Chandrayan-II (2019) and was appreciated by my principal and my Professors.

## AREA OF INTERESTS

Programming Software Coding, Web technology.

Design and development of Electronics Projects.

Computer Networks