

EDUCATION

Mahendra Engineering College, Namakkal

B.E in Electronics and Communication

Aug 2017 - May 2021

CGPA: 8.53

Kamarajar Hr Secondary School, Namakkal

High School[12th] BIO- MATHS

2015-2017

PERCENTAGE: 92%

CERTIFICATIONS

AWS Fondation-CCP

Embedded C- FICE

SKILLS

PROGRAMMING

Python & Django Framework

C, C++

COMPETENCIES

AWS Netorking,EC2

AMI,S3,IAM,EBS,EFS

Sensor Implementation

Security Research

OS & SOFTWARE TOOLS

Raspbian & Ubuntu Linux

JIRA,AWS CLI

Cisco IOS & IOS-XR

HARDWARE PLATFORMS

Single Board Computer(Raspberry Pi)

I/O Shields & Microcontrollers

Espressif ESP8266

TECHNOLOGY DOMAIN

IOT Gateway & Devices

Wireless Sensor Network

Building Automation

LINKS

Github:// techatro

LinkedIn:// bharnidharan-s

Blog:// blog.techatro.com

EXPERIENCE

TCS - System Administrator(Linux)

Present | Full-Time

- Works in Virtual/Physical server development, migration,troubleshooting,configuring

IIITDM Kancheepuram—Intern

Dec 2019- Jan 2020

- carried out the concept of Digital Circuit, Cadence 6.1 Tool,Verilog HDL, Keil Programming

ACCOMPLISHMENTS

2nd in 7th ISTE State Level Student Annual Convention

International Assessment for Indian Schools in UNSW

Machine Learning training by ABE Semiconductors

Python Programming training by Relearn Pro

Internet of Things training by Edureka

PROJECTS

• HOME DOCTOR - Monitoring Prototype

Monitor the health condition of the individual and share their location to Nearby hospital whenever they in emergency. By Machine Learning & Neural Network Model we can get Real-Time updates, Symptoms Screening, Potential case Detection and Frequency Asked Questions(FAQ's).

• OTTO -Voice Recognition Robot

A Voice recognition robot built with Arduino Nano programmed with mobility, dance and play audio It also equipped with obstacle detection.

• Virtual Image Converter- Platform Tool

An image converter platform that converts 2 dimensional image to 3 dimensional image by using Python By Mesh Surface for 3D color print with export feature that supports VRML 2.0(or X3D) file.

PROTOCOLS

Wireless(802.15.4 and 802.11)

SNMP, PPPOX

TCP/IP