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MOHANRAJ VENKATACHALAM

OBJECTIVE

To work with a progressive organization and seek a challenging career which nourishes my passion to excel, by grabbing the opportunities to learn new technologies.

EDUCATION

B.E., (Electronics & Communication Engineering) |Kongunadu college of Engineering & Technology | 2017-2021
CGPA: 7.751 upto (6th sem)

HSC (State Board) | SRV Boys Higher Secondary School Rasipuram| 2017
Percentage: 85.5%

SSLC (State Board) | Rainbow Matriculation School Puduchatram | 2015
Percentage: 87.6%

INTERNSHIPS

Web Development | Detoin Solutions Private Limited
Duration : Ongoing
I was currently working on Web Application Product using ReactJs , Bootstrap Framwork

Crop Yield Prediction based on Rainfall data| FarmwiseAI Private Limited
Duration : 10-09-2020 to 08-10-2020
We are the team of 5 Members done this project which is used to predict the crop yield

PROJECTS

Project #1	Project #2	Project #3
Core Java: Java Application for Sky D2H Television Channel Providing with the help of this application , we know that customer details and Subscription end date and which packages they have we have a rights to remove or add packages respect to subscription. I'm the developer	**Computer Vision:** Face\Object Analyzing for Surveillance using drone with the help of camera and python to analyze the live video for finding persons in Crowdy area ,it compares face with already trained models. I'm the one of the software developer of our team.	**Balloon Satellite:** Analyzing Environment Via Helium Balloon with the help of Helium Balloon ,Arduino controller, sensors like DIT and Lora module interfaced, then it launched 500m above the ground level. It covers up to 10km.I was the hardware developer of the team

SKILLS

- React JS (Hooks)
- HTML , CSS , Bootstrap , ECMAScript - 6

- React Native (Hooks)
- Core Java

AREA OF INTERESTS

- MERN Stack
- Artificial Intelligence using python

- Arduino and Raspberry pi
- PCB Design and fabrication

ACCOLADES

•Organized and took a session on "AI" workshop conducted in our college.

•Won 1st prize in Paper presentation by presenting "Face Detection based Banking process" conducted by SRM UNIVERSITY, Chennai (2020).

•We won 1st prize in "RESISTHOR" hackathon intra college event held on March,2020 at Trichy about the domain of data analysis.

•Got Reward as "Best Student" by ISTE, at PSG Institute of technology,Coimbatore,on Student convection chapter award event (2020).

•Participated in "Residential Research Internship Programme 19" on the domain of "IoT Appliancations" conducted by sona college of technology (2019).

•Done "Value added course" on the domain of "PCB Design" conducted by Kongunadu college of engineering and technology (2018).

PERSONAL TRAITS

- Work Curiosity

- Flexibility

PERSONAL DETAILS

Father Name	:	Venkatachalam K
Nationality	:	Indian
Linguistic Skill	:	English (S/R/W) ,Tamil (S/R/W)
Hobbies	:	Exploring new places and coding
Address	:	11/129 ,petrol bunk road,Belukurichi,Namakkal-637402
Personal Blog	:	http://mohanrajvenkatachalam.me/mohanrajvenkatchalam/

REFERENCE

SRIDHAR K, B.E., M.B.A. Head - Campus to Corporate

Kongunadu College of Engineering and Technology ,Trichy

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Date : 10:07:2020

Place: Trichy   Mohanraj Venkatachalam