

HK

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PROFESSIONAL SUMMARY

Meticulous engineer capable of approaching design requests with accuracy and superior technical skill. Quick learner and expert in Hardware and software.

SKILLS

- Languages known:C ,C++,Java,Arduino .
- Automation.
- Operating System : Windows.,Ios,Mac os,Android,Ubuntu.
- Database : Basic.
- IDE : Net Beans, Eclipse,Android sdk,Dev.,visual studios,putty.
- Tools used : Aws,Appery.io,Luis,Microsoft q&a. ,Mit app Inventory,Microsoft Azure.
- VLSI.
- Embeded system design and development.
- Microprocessor and Microcontroller depth knowledge and design knowledge.
- Basic knowledge about machinelearning,AI,Neural networks,Natural language processing.
- Chatbot.

WORK HISTORY

Inplant Trainee | TNEB SUBSTATION 400 KV - Pennalur, TN 12/2018 - 12/2019

- Examined and learnt the working of how electric energy is distributed from the generating station to the consumer in a most efficient way.
- Communicated with system operators how faults was determined and knowledge about relays,circuitbreakers,transformers

Inplant Trainee | BHARAT HEAVY ELECTRICALS LIMITED - BAP - Ranipet, TN 05/2019 - 05/2019

- Determined and absorbed most effective approaches how a product developed by a company,then sold their product to their client in most effective way.
- Gained knowledge how boiler parts,Fuel tanks for ISRO are manufactured.

Inplant Trainee | TAMILNADU ELECTRICITY BOARD-110/11 KV SUB STATION - VELLORE, TAMILNADU 04/2018 - 05/2019

- Studied Energy Transmission,generation and distribution.

- **Developed a deep knowledge about impact of renewable wind energy on future renewable energy generation.**
- **Also exposed the knowledge about the power electronics in renewable power generation.**

EDUCATION

Sri Venkateswara College of Engineering, Chennai EXPECTED IN 04/2020

B.E: Electrical And Electronics Engineering
CGPA 8.5/10

Sunbeam Matric Hr.sec School, Vellore
Higher Secondary: Computer Science
Percentage 85%

Sunbeam matric Hr.Sec.School, Vellore
SSLC:
Percentage 95%

ACCOMPLISHMENTS

INDUSTRIAL VISIT:

- Visited an assemblers of relays and circuit breaker in irungatukotai sipcot.
- Visited a Locoshed in arakkonam.
- Visited Nippon paints in sriperumbadur sipcot.

ACHIEVEMENTS:

- Got 2nd place in innovation day held at svce among 500 participant.
- Develop an android application and Homeautomation system that could help Blind peoples.

PROJECT UNDERTAKEN.

1.Home automation using Bluetooth,Arduino,android and neural network.

- Arduino IDE, android, Mit app inventory / Arduino, own embedded architecture.
- It is similar to AMAZON ALEXA But i developed for cheapest way,It uses natural language processing to understand user input then it is processed by my own embedded architecture to drive desire output using relays and I looking forward to do patent on my work.

2 .ChatBot Visualstudios(c#) & LUIS

The proposed work used to make the automatic Language understanding from user and process desired answer depends upon user needs without help of customer care executive.

3 .ION thruster to drive train.

- Embeded hardware to switch relays,highvoltage converter,propeller,bluetooth.
- My new idea got from hyperloop concept,ION thruster basically used in space shuttle to produce small torque instead of using large amount of energy ,My idea is why cant we use same system in convectional trains instead of using low efficiency motor.Because the efficiency of ion thruster is 99%.

4 .Prevention collision of automobile Using Radar.

- Embeded Architecture.
- By using sensor data from radar the microcontroller evaluates the collision rate and send the signal to the brakes.

WORKSHOP.

- Participated in the one day workshop on "Hybrid mobile app development" in conjunction with NCCIS organized by the department of information technology, held at Loyola ICAM, during month of March 10 2017.
- Participated in one day national workshop at "power electronic and application to power systems" organized by school of Electrical Engineering, VIT University, Vellore in association with EMTP software, Powersys Chennai, during 11 August 2017.
- Participated in two days national workshop on "A revolutionary technology-IoT application in electrical and electronic engineering" organized by department of EEE, SVCE, during month of 3rd and 4th January 2019.
- Participated in an international conference on IoT organized by PALS held at Rajalakshmi Institute of Technology, during month of September.
- Participated in Circuitrix conducted by IEEE, Chennai (2019).

STRENGTH.

- Communication.
- Self confidence.
- Team player.
- Hard worker

CERTIFICATIONS**APTECH CERTIFICATION FOR JAVA.**