HARSHAD NANDKUMAR DHANE

Computer Science Engineer

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EXPERIENCE

IoT Researcher

📅 July 2019 – Ongoing 📍 SRM University AP

- Worked on various projects involving IoT devices such as Raspberry Pi, Arduino, NodeMcu.
- Working with a team on small scale application using IoT devices.
- Experience with Arduino, Raspberry Pi, NodeMcu and all basic electronic components.

Cyber-Security Researcher

📅 January 2020 – Ongoing 📍 SRM University AP

- Currently working on cryptography and phishing
- Also on Computer forensics .File Handling .Memory Forensics

Front-end WEB Developer

📅 January 2020 – Ongoing 📍 SRM University AP

- Experienced with HTML, CSS, jQuery, Wordpress

PROJECTS

Line Following Bot

- Line follower robot senses black line by using a sensor and then sends the signal to Arduino. At that point, Arduino drives the engine as indicated by sensors' yield.

Path-Finder

- Here obstacle avoidance is by using ultrasonic sensors, It will move in a particular direction and avoid the obstacle which is coming in its path.

Alexa skill development

- We use Alexa to innovate and build the next generation of interfaces for tourists in India.

Dialogflow for Google assistant

- Skill Development for google assistant.

Portable Jammer

- Portable Wi-Fi jammer using NodeMCU ESP-8266

SKILLS

Programming languages

PYTHON C C++ HTML CSS
SQL JavaScript

IoT Devices

Arduino ●●●●○
NodeMCU ESP-8266 ●●●●●
Raspberry PI ●●●○○

Operating Systems

- Windows
- MacOS
- Linux
- Raspbian (for PI)

LANGUAGES

English ●●●●●

Hindi ●●●●●

Marathi ●●●●●

EDUCATION

SRM University AP

B.Tech in Computer Science and Engineering with Specialization in Cyber Security

📅 July 2019 – present

Dr. DY Patil Jr. College, Akurdi, Pune

HSC 2018

📅 April 2017 – May 2018

Pass-out with 80 percentage

K.V Bambolim camp,goa

AISSCE 2016

📅 April 2015 – May 2016

Pass-out with 10 CGPA

ACTIVITIES

Volunteering and Organising experience

- Pitchathon 2020
- TEDxSRMAP

Participant

- Workshop on Ethical Hacking at DTU,Delhi (Dec-2019)
- Science Exhibition at KV DRDO bangalore project:- plant irrigation system (feb-2016)
- Fresher's day 2019 at SRM university AP (Mr.Fresher 2019)
- SIH 2020 at SRM university AP Project:- Alexa Skill development
- Skill development at Google dialog flow.
- HackNITR online hackathon (March 2020)

CERTIFICATIONS

- Cisco CCNA Cyber Ops: The Complete Course (Udemy)(April 2020)
- Cyber threats and Attack vectors (Coursera) (April 2020)
- Cybersecurity Roles, Processes Operating System Security (Coursera) (April 2020)
- Cyber-Security: Beginner to Advance (Udemy)(April 2020)
- Guide to Cyber-Security 2020 part-1 (Udemy) (April 2020)
- Hacking and Patching (Coursera) (May 2020)