Thirishul Asokan

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Github: https://github.com/Thirishul

SUMMARY

An enthusiastic engineering fresher who is a self-starter and capable to use technical skills for the betterment of the organization. Seeking an entry-level opportunity where I can utilize my skills and enhance learning in the field of work. Capable of mastering new technologies.

AREA OF INTEREST: Internet of Things, Web scraping, Indian Polity.

EDUCATION

2016-2020	**B.E – Instrumentation and Control Engineering** **St. Joseph's College of Engineering, Chennai, India** Controls Systems, Advanced Control System, Digital Control System, Industrial Instrumentation, Process Control, Applied Soft computing, Circuit theory, Digital Signal Processing and Electrical Machines	7.4/10
2014-2016	**Sri Vijay Vidyalaya Higher Secondary School, Dharmapuri, India** Mathematics, Physics, Chemistry, Biology	85%
2003-2014	**Sri Vijay Vidyalaya Higher Secondary School, Dharmapuri, India** Mathematics, English, Science, Social Studies	94%

INTERNSHIPS

Instrumentation and Calibration Intern
India Cements Limited, Sankari, Tamil Nadu, India**.**

Hardware Intern
CDCE - Centre for Development of **PLC/SCADA**, Chennai, India.

Industrial Visit
Ashok Leyland, Hosur, Tamil Nadu, India.
Neyveli Lignite Corporation Limited, Tamil Nadu, India.

ACADEMIC PROJECTS

- Digital agriculture - IOT based system for monitoring conditions of plants and weather conditions at agricultural fields using ESP32

    (LINK = https://github.com/Thirishul/Digital-Agriculture)

- Automation System for Engine Cover Assembly Hot Fusing Machine (DELTA PLC) - TVS Motorcycle

    (LINK = https://github.com/Thirishul/TVS_Fusing_Machine)

- Fact India - Developed and launched my application on Google Assistant with Google recognized Developer community

    (LINK = https://assistant.google.com/services/a/uid/00000003cb3cadfa?hl=en-US&source=web)

- Preservation of Water Quality and Monitoring of Water pollution using Smart sensors & IoT .

- WiFi Jammer - Deauthentication attack using ESP8266

    (LINK = https://github.com/Thirishul/WiFi-Jammer)

- Designed my own portfolio website using BootStrap

   (LINK = https://thirishulcv.netlify.com)

- Classification of fruits using Conventional Neural Networks and Transfer Learning on VGG16 model (OxfordNet)

   (LINK = https://github.com/Thirishul/Classification_of_Fruits_ML)

   (LINK = https://github.com/Thirishul/Transfer_Learning_DL)

- Price Tracker on e-commerce - Web scraping using BeautifulSoup

   (LINK = https://github.com/Thirishul/Price-Tracker)

- Twitter AutoLiker - Twitter bot using Python and Selenium

   (LINK = https://github.com/Thirishul/Twitter_AutoLiker_Selenium)

- WhatsApp_Msger - Automate WhatsApp messages (VBScript)

   (LINK = https://github.com/Thirishul/WhatsApp_Msger)

RELEVANT EXPERIENCE

- I learnt some Ethical Hacking and so I have a handful knowledge on signal analysis .

- I have done some basic level programming during penetration testing with Kali Linux

- My journey into Ethical Hacking made me really comfortable in working with Unix/Linux environment.

- Created my own portfolio website for myself to gain more relevant experience.

   (LINK = https://thirishul.netlify.com)

SKILL SETS

- Fully Competent in MS-Office applications
- Proficient in Linux OS
- Adobe Photoshop
- Adobe Premiere Pro
- Adobe Xd

- Programming Language - C, C++,
- Python Proficient with HTML5 / CSS
- Arduino
- Tableau
- SCADA / PLC

LINGUISTIC KNOWLEDGE

- English (Business English CEFR Level B1)
- Tamil - Native

EXTRACURRICULAR ACTIVITES

- Student Member   - International Society of Automation (ISA)
- Student Member   - IEEE Measurement and Instrumentation Society
- Individual Sports   - Cycle Race (Won Second place in District level cycle race - 2016)
- Individual Sports   - Roller Skating
- Team Sports   - College Football
- Organizer   - Non Formal English Club