

# Mavullu Surya Raghava Nallamatti, M.Eng

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As a fresher in the software industry, I am well versed with web development, programming and networking skills. I want to earn more knowledge in all domains practically by working in your deemed company and also to contribute my talent for the benefit of the organization.

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## Skills

- Python (dunder methods), TCP and network security
- HTML, CSS, JavaScript
- MATLAB
- GIT, GITHUB
- C- language
- Component based Development
- React-redux
- MySQL
- Bootcamp
- Java, embedded-C
- React Framework
- Basics of ML with Python

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## Experience

20TH MAY 2017 – 20TH MAY 2018

### Technical Support/ Airtel, Hyderabad

- Swapping removable media
- Installing loopbacks
- Providing planned maintenance or circuit migration circuit
- Have to take inbound calls from customer for technical network troubleshooting
- In first 3 months have to make outbound calls to sell customers new offers.
- Racking and de-racking of any device installed.
- Power cycling a router, server, switch soft booting a server.

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## Education

MAY 2020

### Master of Engineering in Internetworking/ Dalhousie University, Halifax

Awarded GPA of 3.3/4.3, which includes courses of Python, Computer Networks, TCP Protocols, Security, Network Architecture and Telecommunications.

MAY 2017

## **Bachelor of Technology in Electronics and Communications Engineering / Institute of Aeronautical Engineering, Hyderabad**

Awarded Grade of 7/10, which includes courses Electronics and Devices Communications, C-language, JAVA, Management Science, Digital Image Processing, Embedded Systems.

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## **Projects**

### **Portfolio Website**

I built my own four portfolio websites to let recruiters know about me which include basic Html, CSS, JavaScript and little bit of React. But domain is not been assigned to it yet.

### **Routing in Data Centre using Leaf and Spine Topology**

In new and upcoming Data Centers, new topology emerges in place of layered network topology (core/aggregation/access layer) which is leaf and spine topology. I used this leaf and spine topology which works as mesh networks used to reduce latency for data center to data center routing.

### **Display of Underground Cable Fault Distance over Internet of Things (IoT)**

Then project is to determine distance of underground cable fault from base station in kilometers and display over internet through cloud and send a SMS to your phone.

### **Gas Sensor using Programmable System on Chip software**

The objective of this project is to detect any leakage of LPG/CNG based cars, small scale factories or in-home appliances also

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### **Soft Skills:**

- I am a team-player, I work with team very well as I had an experience of leading a team.
  - I can interact with customers very clearly and provide service to them.
  - I can participate in technical and special projects review meetings in which I have experience as I used to organize team meetings with manager and website developers.
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**GitHub:** <https://www.github.com/Mavullu-Surya-Raghava-Nallamatti>