

# PRAVEEN SAJJANAPU

## Telecommunications

@ sajjanapupraveen76@gmail.com    (+46) 793343547    Minervavagen 20 lgh, karlskrona, Sweden  
in https://www.linkedin.com/in/sajjanapu-praveen    https://github.com/praveensajjanapu

## ABOUT ME

- I am dedicated to staying focused and paying careful attention to every detail. I work hard to surpass my goals, even in challenging situations. My dream is to join a group of motivated and dedicated professionals to learn from them and gain valuable knowledge and experience.

## EDUCATION

### BTH University

#### Masters in Telecommunications

jan 2023 – present    karlskrona, Sweden

### JNTU University

#### Bachelors in Electronics and Communication Engineering

jan 2019 – jan 2023    Hyderabad, India

- ECE GPA: 7/10

## PROJECTS

### Sweat Analysis using pH sensor to alert disorders using IoT

- The objective of this project is to use sweat as a more convenient and painless biofluid for health examinations, replacing the need for blood or urine. Sweat samples are collected and analyzed to assess a person's health, with alerts generated for any abnormal conditions detected when the sweat sensor is used
- Skills: ESP32 Microcontrollers, Internet of Things (IoT)

### Automation with ansible

- Implemented a Flask app with an HAproxy load balancer for handling high traffic. The infrastructure included a load balancer, backend servers, and a Bastion host for secure access. Configuration was done using an Ansible playbook for deploying the Flask app.
- Skills: Linux, Ansible, YAML, secure shell (SSH)

### Network automation in openstack

- Implemented an OpenStack-based solution with automation for deploying and managing services. The system had three modes, including deployment, operations, and cleanup. It used load balancing and proactive monitoring for better performance and reduced manual intervention. Performance analysis highlighted rapid responses to node issues and resource efficiency. The report covered design, performance, and scalability aspects.

## LANGUAGES

English [Professional language]  
Telugu [Native language]



## TECHNICAL SKILLS

C   Python   HTML   CSS   Flask  
NumPy   Pandas   Scikit-learn  
Tensorflow   Unix   Git   Github

## SOFT SKILLS

- Demonstrated leadership abilities in running teams and managing projects. Skilled in motivating others and assigning responsibilities. Being the student organizer for our campus festival allowed me to showcase my great event planning and management abilities.
- As a volunteer, I participated in the ICIET-2022 event at JNTU.
- In my spare time, I plan to trade the stock market.

## CERTIFICATIONS

- Python certificate. [View](#)
- ICIET participation of certificate. [View](#)
- TCS email etiquette certification. [View](#)
- TCS group discussion certification. [View](#)