

# Sai Rahul Nallandhighal

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GITHUB | LINKEDIN | LEETCODE | HACKERRANK

## EDUCATION

### MALLA REDDY ENGINEERING COLLEGE

COMPUTER SCIENCE LoT, B.TECH

CGPA: 8.5

Nov 2020 - Present

Hyderabad, India

### SRI CHAITANYA JUNIOR COLLEGE

MPC, INTERMEDIATE EDUCATION

Percentage: 93%

2018 - 2020

Hyderabad, India

### SRI SAI PUBLIC SCHOOL

ICSE HIGH SCHOOL

Percentage: 88%

2008 - 2018

Hyderabad, India

## SKILLS

#### PROGRAMMING LANGUAGES

Java, Python, Shell Scripting, C++

#### LIBRARIES/Frameworks

Java Script, Django, Numpy, Pandas, Seaborn, Matplotlib

#### TOOLS / PLATFORMS

Nmap, Nessus, Burpsuite, Wireshark.

#### DATABASES

MySQL

## PROJECTS / OPEN-SOURCE

### SMART SALINE MONITORING SYSTEM | [LINK](#)

Arduino, HX711, LCD, I2C, GSM

- In emergency times, hospitals will be flooded with patients and sometimes the hostel may be understated, our team designed a smart automation which informs the responsible person about the details of saline bottle.
- Developed a weight monitoring system using Arduino and HX711 load cell sensor to measure weight accurately. Integrated an LCD display for real-time weight visualization and a GSM module to send SMS notifications when weight thresholds are exceeded.

### A NOVEL WEB ATTACK DETECTION SYSTEM | [LINK](#)

Python, Django

- We are living in a world where things are connected together with the help of Internet, smart watches, smart TVs are today's normal.
- So with convenience, there is also a risk, the communication between various devices is easily susceptible to various attacks. I developed a model in Python which identifies the different types of attacks.
- I used data sheets from kegg website

### QUIZ GENERATOR | [LINK](#)

Python-docx, python3

- During covid times, education is pertained to home. Students were given excel sheets which contain objective question bank.
- Reading from the excel sheet provides no interaction and is ineffective. I designed a program which can generate quiz from the excel sheet provided to it. It is console based. It removes the questions from excel if we answer them right.

## CERTIFICATIONS

- NPTEL Online Certification Python for Data Science - IIT MADRAS

- NPTEL Online Certification Ethical Hacking - **IIT KHARAGPUR**
- Introduction to Programming using python - Microsoft Certifications.
- Azure Fundamentals - Microsoft Certifications.

## HONORS & AWARDS

- Won inter college Basket ball for 2 consecutive years.
- Achieved a 5 star rating on Hacker Rank platform in Java programming language