

## EDUCATION

Degree	Specialization	Institute	Year	CPI
MCA	Master of Computer Application	Vignan's IIT,Visakhapatnam	2024	9.0
Bsc-MEIoT	Mathematics ,Electronics,Internet of Things(IoT)	Government College Autonomous	2022	9.4
MPC	Physics, Chemistry, & Mathematics	Narayana College	2019	8.9
SSC	-	SKVT[E.M]High School	2017	9.0

## EXPERIENCE

- Edunet Foundation** Internship - Virtual | Mar 2024 - March
  - Successfully completed a 4-week internship leveraging the SkillsBuild & IBM Cloud Platform.
  - Acquired practical experience in cutting-edge technologies, with a focus on AI and Cloud Computing.
- Brain O Vision** 4-Day Bootcamp & 24-Hour Hackathon On AI & ML| NOV 2023
  - Engaged in a rigorous 4-day bootcamp focused on advanced AI and ML topics.
  - Worked with a team to create innovative solutions in a 24-hour hackathon.

## PROJECTS

- Prediction of Cardiac Disease using Machine Learning (Major Project)**

**Problem:**Early detection of heart disease is challenging and critical for timely intervention and treatment.

**Solution:** Developed a machine learning system to predict heart disease at early stages using various algorithms.

**Implementation:** Built and evaluated models (KNN, Random Forest, Decision Tree, MLP,Naive, Bayes,Logistic Regression) after preprocessing data and selecting relevant features, resulting in high prediction accuracy for early diagnosis.
- Automatic Gas Leakage Detector Using IoT**
  - Created an IoT-based automatic gas leakage detector to identify gas leaks and send alerts. The system uses Blinky, Node MCU, an exhaust fan, a servo motor, an MQ-5 sensor, LED lights, and a buzzer.
- Automatic Mask Detection & Sanitizer Dispenser Using Arduino** Python | ML | IoT | TensorFlow

**Problem:** Ensuring individuals wear masks and use sanitizer in public spaces.

**Solution:** Developed a system to detect mask-wearing and automatically dispense sanitizer.

**Implementation:** Employed Python, machine learning, and TensorFlow for mask detection, and integrated Arduino Uno, a servo motor, and LED lights for sanitizer dispensing.
- IoT-based Home Automation using Raspberry Pi** Python | IoT | NodeRED
  - Created a home automation system to manage lights, fans, and security features using a Raspberry Pi, Node-RED, 5V relays, Twilio, and a camera.

## CERTIFICATIONS

UDEMY - Html,CSS,JavaScript,React  
CISCO - CCNA & Cybersecurity Essentials  
CISCO &OpenEDG - PCAP : Programming Essentials in Python  
Infosys Springboard - Introduction to Artificial Intelligence & Data Science  
LOGICS MIND - Master Diploma in Software Applications(C,Java SE,Python & HTML,CSS t

## TECHNICAL SKILLS

- Languages:** Java,Python, C , Data Structures,
- Technologies :** HTML&CSS, Hibernate,Springboot, Debugging/Troubleshooting,SQL/NoSQL.
- Tools:** GitHub,Linux,Window,AWS.
- Others:**Communication,Problem Solving,Time Management,Team Work,Analytical Skills.

## DECLARATION

I hereby declare that all the information provided above is true and correct to the best of my knowledge.

Gokeda Lahari Sai Durga  
**Signature**