

SYED SUHANA

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Bengaluru, Karnataka, India

OBJECTIVE

Meticulous and dedicated computer science student (specialization in IoT) with a CGPA of 8.98 having strong managerial and leadership skills. An honors student in Artificial Intelligence and Machine Learning. Experienced in IoT, Machine Learning, and Cloud through Internships. Skilled in developing and implementing AI/ML models using Python, regression, classification, and neural networks. Proven ability to leverage data science techniques to drive strategic decision-making and deliver impactful insights. Successful completion of diverse internships has sharpened my practical expertise and contributed to a comprehensive understanding of the field. Committed to continuous learning and staying updated with the latest advancements in these areas. Seeking an opportunity to contribute to the industry and make a meaningful impact through innovative solutions.

EDUCATIONAL QUALIFICATIONS

Degree/ Certificate	Institution	Year of Passing	Board/University	Marks (%)
B.Tech	CHRIST (Deemed to be University)	2024	CHRIST (Deemed to be University)	85.34
12th	Krishna Reddy Siddhartha Junior College	2020	Board of Intermediate Education, Andhra Pradesh	96.8
10th	Sri Chaitanya School	2018	Board of Secondary Education Of Andhra Pradesh	95

CERTIFICATIONS

- IIT Madras - Advanced Certification on Data Science & Artificial Intelligence
- PCAP - Programming essentials in Python
- ORACLE Academy: Java Fundamentals
- UDEMY - Programming essentials in Python
- NPTEL - Certification in Computer Architecture
- NPTEL - Certification in The Joy of computing using Python
- UDEMY -Team Leadership and Team Building
- AWS- Sales Accreditation(business)
- AWS- Foundations(business)
- AWS - AWS Partner Cloud Economics
- AWS - Accreditation(technical)
- AWS - AWS Partner AWS Cloud Practitioner Essentials
- AWS - The Elements of Data Science
- Cisco Networking Academy - Introduction to Cyber Security

WORK EXPERIENCE - INTERNSHIPS

- **Feynn Labs – ML Intern (June 2023 – July 2023)**
Hands-on experience with building machine learning models and working with python libraries to carry out the tasks.
- **IIC CHRIST (deemed to be University) – Research Intern (May 2023 – June 2023)**
Acquired enormous scientific expertise, including the publication of influential publications.
- **F13 Technologies - AWS Cloud Intern (September 2022 – December 2022)**
Acquired experience in various services offered by Amazon.
- **EdgeIntell - AI ML Intern (June 2022 – July 2022)**
Hands on experience in problem solving and debugging.
- **Skill Vertex - IoT Intern (June 2022 – July 2022)**
Gained knowledge of Arduino Uno and Arduino Programming.

PROJECTS

- **Emergency vehicle Detection using YOLOV8**
Successful detection of Emergency Vehicles like Ambulance, Fire Engine etc; using YOLOv8 Algorithm.
- **Smart Plant Monitoring System using NodeMCU ESP8266**
A soil moisture sensor is used to detect the moisture content of the soil. Whenever the moisture content is below a threshold, the motor gets turned on automatically and waters the plant. If the moisture content is above the threshold it gets turned off.
- **Mask detection model using Javascript, Android Studio, React Native**
This model detects whether a person is wearing a mask or not. This is an important application post-COVID days where masks are common. This feature is helpful for unlocking the phone using Face ID.
- **Market segmentation on Mc.Donald's dataset**
Using demographic and behavioral data from McDonald's customers, it identifies distinct groups with varied preferences, aiding targeted marketing strategies for personalized offers and experiences.
- **Social Distancing Alarm System using Arduino**
An alarm starts ringing whenever a person comes closer to you as a warning. This was well used during COVID days.
- **Home Automation System using Arduino**
Home automation controls all the home attributes like lighting, entertainment systems, and appliances and can act as a safety system as well.
- **Password Generator using GUI**
It is a user-friendly password generator application with a graphical interface, allowing users to create secure passwords effortlessly.

SKILLS

- Programming: Python, C, Java
- Front End Development
- Experienced in RPA (Robotic Process Automation) using UI Path Studio
- Arduino
- Raspberry Pi
- Knowledge of Cloud Services
- Proficient in working with SQL
- Team player having excellent managerial and leadership skills
- Knowledge of Sensors
- Experienced in using various tools like Matplotlib and Seaborn for Data Visualization
- Experienced in working with Classification, Regression, Neural networks and various Python libraries like Numpy, Pandas, Scikit-learn
- Experienced in making Machine Learning models for Real-life applications

TOOLS

- Ui Path Studio
- Thingspeak
- TinkerCad
- Raspberry Pi

ACHIEVEMENTS/AWARDS

- Publication named “IoT-based Emergency Vehicle Detection using YOLOv8” in the Journal of Automation, Mobile Robotics and Intelligent Systems.

EXTRACURRICULAR ACTIVITIES

- Centre for social action Volunteer
- IEEE Sight Volunteer
Hosted 2 events as a part of IEEE Sight.

SOFTSKILLS & INTERESTS

Adaptability
Communication
Problem Solving
Time Management
Team player
Leadership

Travelling
Art and drawing
Gardening
Fitness
Driving
Continuous Learning

PERSONAL DETAILS

Date of Birth : 04/04/2003
Father's Name : SYED HASHIM
Gender : Female
Languages known : English, Hindi, Telugu, Urdu