

RESUME



Name: EGURAM SRIDHAR REDDY

Professional Summary:

- An aspiring Machine Learning Engineer with robust problem-solving and critical thinking skills.
- To work in an environment which encourages me to succeed and grow professionally where I can utilize my skills and knowledge appropriately.
- I seek challenging opportunities where I can fully use my skills for the success of the organization.

Courses:

Core Course

- Design and Analysis of Algorithms
- Data Structures
- Database Management Systems
- Operating Systems
- Micro-controllers and Internet of Things
- Computer Networks

Professional Electives

- Artificial Intelligence
- Cloud computing

Open Electives Certification:

- Data Science for Engineers(75%)
- Data Analytics with Python(84%)

Internships:

- Knowledge Solutions India Pvt in association with Microsoft
- AWS Virtual Cloud Internship
- AWS AI/ML Virtual Internship
- JP Morgan Virtual Internship Program

Certifications:

- Cisco Cybersecurity essentials
- AWS ACF
- Cisco Packet Tracer
- Python and Java Certification from Hackerrank

Projects:

- **Crop yield (Data Analysis)**
 - The objective is to use the data which is collected through seasons from each district of Telangana and perform Analysis on soil crop yield.
 - Accuracy-87%
- **Insurance Price Prediction (Machine Learning)**
 - Worked on 4 different models (Multiple linear regression with PCA, Random Forest with PCA) to evaluate insurance cost and predict the model which generates best
 - Random Forest with PCA predicts the insurance price efficiently Accuracy-80%
- **Pneumonia Disease Detection using CNN (Deep Learning)**
 - Diagnoses Pneumonia without the need for extensive tests by just using a Chest X-Ray as an input.
 - Accuracy-92.6%
- **Smart Health Monitoring Device (IOT)**
 - IOT Level-3 Project primarily based on Node MCU.

- Used a Temperature Sensor, Blood Oxygen Sensor, Gyro sensor and a Heart rate sensor to build a remote device which can track patient health and inform the doctor of their status.

Education:

- 2019 - 2023: CSE student at Gokaraju Rangaraju Engineering and Technology college, Jawaharlal Nehru Technological University, Hyderabad.
Current CGPA-9.16
- 2017-2019: Narayana Junior College, Telangana State Board of Intermediate Education, Hyderabad.
Percentage: 94.6%

Skills:

- Computer Languages: Java, Python, C, SQL, Basic HTML/CSS, JavaScript
- Technologies: Machine Learning, MySQL, Data Analytics, Data Science, Data Structures using JAVA, AWS Foundations
- Languages: English (Proficient), Hindi (Conversational), Telugu (Native).

Hobbies:

- Playing Cricket, Creating memes on Social Media, Movie critic, Playing Guitar.

Others:**NSS:**

- Played an important role in NSS Student Body.
- Lead a team and organized the Project Expo with great success in RUEDO, an Environmental Fest.

Achievements:

- Runner up in the Data for Social Good Hackathon conducted by TSIC.

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