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.

Personal Website :

- **Here is my personal website to view about myself.**
  Personal Website

Education:

- 2019 - 2023: CSE student at Gokaraju Rangaraju Engineering and Technology college, Jawaharlal Nehru Technological University, Hyderabad.
  Current CGPA-9.05
- 2017-2019: Narayana Junior College, Telangana State Board of Intermediate Education, Hyderabad.
  Percentage: 94.6%

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:

- Completed a Software Engineering virtual program at JP Morgan
- Worked as a Data Analyst in Knowledge Solution in associate with Microsoft
- Completed a Virtual Program on Databases at Goldman Sachs

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%

- **Medical Chatbot System using Python**(Natural Language Processing)
  - Aim is to take symptoms as input from user and predict what type of disease does user have
  - Sequential model is used to extract the symptoms from the text given by user
  - KNN algorithm is used for predicting the type of disease
  - It also recommends the doctor in that field

- **AI Enabled legal Assistance System**
  - Given a case, finding the related prior cases and their judgements is a time consuming job of a lawyer.
  - The work here is to present a case study to retrieve judgements given in the past for a good factual description.
  - LDA is used for topic modelling and for improved precision

- **Income Tax 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.

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.

Contact Information:

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