

# SOWMYA SREE BHAGYAM

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## Objective

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A computer science honors graduate student passionate about learning new skills, ability to perform well in a team and eager to gain practical experience. I'm looking for an opportunity to use my logical thinking, problem solving abilities and develop innovative solutions.

## Education

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| ➤ Bachelor of Technology in Computer Science and Engineering | JUNE 2020 – MAY 2024   |
| <i>KL University, Hyderabad</i>                              | CGPA: 9.18/10          |
| ➤ Class 11 & 12  | JUNE 2018 - MARCH 2020 |
| <i>Sri Chaitanya Junior College, Hyderabad</i>               | CGPA: 9.7/10           |
| ➤ Class 10   | MARCH 2018             |
| <i>Sri Chaitanya High School, Hyderabad</i>                  | CGPA: 9.8/10           |

## Work Experience

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Intern, AI-ML Training – AICTE - EduSkills APRIL 2022- MAY 2022

- A virtual internship program for students that provide hands-on learning, skill development, and industry-relevant projects in respective fields support by AWS Academy.
- During my internship, I gained knowledge of the fundamentals of deep learning and neural networks in addition to algorithms that generate patterns and insights from data.

Intern, Data Science Training – Internshala MAY 2022- JUNE 2022

- An online training platform that offers a wide range of skill-based training programs to students and professionals. It focuses on data visualization, python for data science, understanding the statistics, predictive modeling and basics of machine learning.
- During my traineeship at Internshala, I worked primarily with optimization techniques, algorithm testing, and data visualization. Methods like linear regression, autoregressive integrated moving average (ARIMA) model, and seasonal Naive model are used to analyze and forecast sales data.

## Academic Projects

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**Title :** Fashion Recommendation System

**Team size:** 4

**Summary:** An e-commerce website which generates recommendations about clothes and fashion accessories for the user based on given input. It is a python-based project which used packages like streamlit, numpy, etc. and CNN model ResNet-50.

**Title :** Handwritten Text Recognition And Speech Conversion

**Team size:** 4

**Summary:** A mini-project that converts handwritten input from sources such as paper documents or images into speech. It used deep learning algorithms like CNN and image preprocessing techniques like binarization, noise removal, skeletonization, etc.

**Title :** Global Energy Trade Analysis

**Team size:** 4

**Summary:** It is an analysis of the total energy trade production of various countries around the world from 1990 to 2014 using PowerBI and other EDA tools like clustering and dimension reduction techniques.

## Technical Skills

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**Programming Languages:** C++, Python, Java

**Tools:** PowerBI, Tableau, Eclipse, PyCharm

**Databases and Servers:** MongoDB, SQL

**Web Technologies:** HTML, CSS

## Certifications

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- AWS Certified Cloud Practitioner [ November 2023]
- Microsoft Certified: Azure Fundamentals [ February 2023]
- Microsoft Certified: Azure Data Engineer Associate [ December 2023]
- Automation Anywhere Certified Advanced RPA Professional (Automation 360) [ January 2023]

## Languages

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English, Telugu, Hindi