

Yarramreddy Suvarna

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About

A third-year BTech student specializing in Artificial Intelligence, I am actively seeking an internship to apply my academic knowledge in practical settings. I am eager to gain hands-on experience, particularly in areas like data structures and algorithms, and contribute to impactful projects while learning from industry professionals.

Education

Bachelor of Technology (Artificial Intelligence and Machine Learning) Shri Vishnu Engineering College For Women, Bhimavaram, India CGPA: 9.31 / 10.0	2022-2026
Intermediate (MPC) Oxford Junior College, Ravipadu Percentage: 96.9	2020-2022
Secondary School Certificate (SSC) Andhra High School, Narasaraopet Percentage: 95.6	2019-2020

Projects

- **Student Performance Analysis - K-means clustering** Developed a machine learning model to analyze student performance data using K-Means Clustering. The project identified distinct clusters of students based on academic and demographic factors, enabling targeted educational interventions. The model provided actionable insights by segmenting students into performance-based groups, helping educators address specific needs. Visualization techniques like scatter plots and dendrograms were employed to interpret the clustering results effectively.

Responsibilities:

- Acquired and preprocessed dataset from Kaggle.
- Applied Apriori algorithm for association rule mining.
- Created visualizations to interpret and communicate findings.
- Worked with team members to optimize algorithm performance.

Technologies: Python, Apriori Algorithm, Pandas, Matplotlib

Internships

Full Stack Development with Java

Skill Dzure, May 2024 - June 2024

Worked on dynamic web applications, focusing on backend and frontend integration. Gained practical experience in software development, enhancing skills in Java and web technologies.

Skills

- | | | | |
|--------------------|-----------|---------|---------------|
| 1. Data Structures | 2. Python | 3. Java | 4. C language |
| 5. MySQL | 6. HTML | 7. CSS | 8. JavaScript |

Certificates

- Java Programming – Oracle Academy, NPTEL
- Certified Smart Coder (Bronze), Smart Interviews, 2024 - Achieved global rank 12558/33419.
- French A1 Level Program – Global Language Solutions

Workshops

Data Science Fundamentals

Conducted by Sabudh

Learned the basics of data science, including data preprocessing, visualization, and introductory machine learning algorithms.

Profiles

1. **LinkedIn:** <https://www.linkedin.com/in/suvarna-yarramreddy-a19899256>
2. **LeetCode:** https://leetcode.com/u/Suvarna_yarramreddy/
3. **HackerRank:** <https://www.hackerrank.com/profile/22b01a42c0>
4. **InterviewBit:** <https://www.interviewbit.com/profile/suvarna-yarramreddy/>