



SHIVANI CHITUKULA

I aspire to leverage my abilities and skills to enhance the lives of others, making a positive impact through innovative technological solutions.

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EDUCATION

- **Chaitanya Bharathi Institute of Technology** 2020 - 2024
BE Artificial Intelligence and Data Science CGPA: 9.23
- **Narayana Junior College, Hyderabad** 2018 - 2020
Board of Intermediate Education, Telangana Percentage: 98.3
- **Telangana State Model School, Gundala** 2017 - 2018
Board of Secondary Education, Telangana GPA: 9.3

PROJECTS

- **OXYGEN LEVEL PREDICTION AT VARIOUS HEIGHTS ON MT.EVEREST** March 2023
Predicts the oxygen percentage by taking environment variables as input
 - Tools & technologies used: Python, Pandas, Matplotlib, Jupyter Notebook
 - Achieved accuracy rate of 96% and optimized program for efficiency
 - Discovered a correlation between altitude and oxygen levels that could inform future research in the field
- **IPL PLAYER PRICE PREDICTION** Nov 2022
It takes Player stats as input and predicts price based on his stats
 - Tools & technologies used: Python, Data analysis techniques
 - Applied data visualization techniques to communicate model performance and insights to stakeholders
- **STUDENT MANAGEMENT SYSTEM WEBSITE** March 2022
Providing the online interface for students, faculty etc
 - Tools & technologies used: HTML, CSS, PHP, Xampp (with PhpMyAdmin, Apache server, MySQL)
 - Student Dashboard – To view and edit their own profiles
 - To make the system more secure

TECHNICAL SKILLS AND INTERESTS

Languages: Python

Coursework: Data Structures And Algorithms, Machine Learning, Data Science, DBMS, HTML, CSS, Operating Systems

INTERNSHIPS

- Frontend development intern at Siraom pvt.limited Aug 2023 - present
- Coincent Internship on "Artificial Intelligence with Python" Aug 2022 - Oct 2022
- Swecha Internship program on "Web development and Data Science" Oct 2021 - Nov 2021

CERTIFICATIONS

- Problem Solving (Basic) certification from Hackerrank July 4, 2023
- Python (Basic) certification from Hackerrank June 24, 2023
- Microsoft "Azure AI Fundamentals" certification Oct 29, 2022

ACHIEVEMENTS

- 4* in Problem solving on Hackerrank present
- A recipient of an NMMS Scholarship through the Central Sector Scholarship Program 2016

POSITIONS OF RESPONSIBILITY

- ***Junior co-ordinator**, EWB-CBIT Jan 2022-Mar 2022
- ***Volunteer**, RMC-CBIT Jan 2022-Mar 2022