

SHIVANI VEMULA

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CORE SKILLS:

- **Front-End Technologies:** HTML, CSS, JavaScript(Basics), jQuery
- **Back-End Development:** Python
- **Database Management:** MySQL
- **Frameworks:** Django
- **Responsive Design:** Knowledge of responsive web design
- **Data Analysis:** NumPy, Pandas
- **Data Visualization:** Matplotlib, Seaborn
- **Machine Learning:** Basic knowledge of Machine Learning concepts and algorithms

EDUCATION:

Master of Computer Applications (MCA)

Aurora's pg college, Hyderabad, Telangana
DEC 2021 - Nov 2023
GPA - 8.4

Bachelor of Commerce (Computer Application)

Railway degree college, Hyderabad, Telangana
June 2018 – July 2021
CGPA - 9.1

CERTIFICATION:

- Completed a Certified Course in "Python Full stack" from 360 Digrii.

OBJECTIVE:

Passionate developer with expertise in HTML, CSS, JavaScript, Python, and Django. Eager to apply my skills in web development and data analysis to contribute to innovative projects and grow within a dynamic team.

PROJECTS:

WEB PROJECT | INDUS SALE

- Developed and deployed an e-commerce platform for managing product sales, orders, and inventory.
- Designed and implemented a database structure using MySQL to track product details and customer transactions.
- Integrated Django for back-end functionality and HTML/CSS for responsive, user-friendly interfaces.

WEB PROJECT | OBS

- Created a web application for data management and real-time interaction between users and system admins.
- Designed a robust database schema using MySQL to handle user data, transactions, and activity logs.
- Utilized Django to implement dynamic content management and HTML/CSS for responsive UI/UX.
- Focused on creating an efficient system for data flow and ensuring a seamless user experience through optimized features.

SQL Analysis | HMIS

- Designed and implemented database tables for a HIMS project.
- Applied constraints to ensure data integrity and consistency.
- Utilized advanced SQL functions, including group by, joins.
- Effectively addressed complex queries and extracted meaningful insights for HIMS analysis.

Data Analysis | Netflix Data Analysis

- Cleaned and pre-processed data, ensuring data quality and integrity.
- Performed Exploratory Data Analysis (EDA) to extract valuable insights from the collected data.
- Created informative visualizations using Matplotlib & Seaborn.
- Addressed specific problem statements to enhance user experience on the website.