

CURRICULUM VITAE

SHAZIA SULTANA,
B.E.- Information Technology (O.U.),

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Career Objective:

Experienced academic writer and curriculum designer with a strong foundation in engineering and technology disciplines. Proficient in research writing, syllabus development, and instructional clarity. Aiming to support academic excellence by creating high-quality educational materials that enhance student comprehension and align with institutional standards..

Educational Background:

Degree	Subjects	College	Duration	University/ Board	Percentage %
Bachelor of Engineering	Information Technology	Deccan College Of Engineering & Technology	2002-2006	Osmania University	83
Intermediate	Maths, Physics, Chemistry.	Islamia Girls Junior College	2000-2002	Board of Intermediate Education, A.P.	91
S.S.C.	All	Quaint High School	2000	Board of Secondary Education	80

Skills:

Academics:

Research Writing, proofreading, plagiarism-free content creation, academic referencing styles (APA, MLA)

Programming Languages:

Python, C, C++, Java

Libraries & Tools:

NumPy, Pandas, Matplotlib, Scikit-learn, Seaborn, Power BI, Spreadsheets, Data Analysis, Data Modeling, Missingno, WordCloud.

Platforms & Environments:

Jupyter Notebook, Google Colab, Visual Studio, Kaggle, SSMS

Domain Knowledge:

Machine Learning, Deep Learning, Artificial Intelligence, Data Science, Statistics, DBMS (SQL)

Experience:

Data Science, Machine Learning, and AI Trainee & Intern

Centre for Training and Employment (CTE), Hyderabad

May 2025 – Present

Projects(Content Writing):

Project-1: Authored a book for MCA first year: **Computer Programming Using C++ (SPECTRUM SERIES, SURE PUBLICATIONS).**

Project-2: Created study material for B.Tech All in ones(CSE/IT), B.E.(CSE/IT), MCA, MBA(Computer- related subjects)

Projects(Data Science):

Project-1 : Netflix Recommendation Engine:

Mentor/Guide : Anilkumar Manchikatla, IIT Alumnus & Industry Expert, Technical Director – Centre for Training and Employment(CTE)

Objective: To develop a machine learning-based recommendation engine that recommends movies to users on a platform like Netflix by analyzing user behavior, preferences, and viewing history, using collaborative and content-based filtering.

Technologies: Python, Scikit-learn, Pandas, NumPy, SQL, Collaborative Filtering, Content-Based Filtering.

Project-2 : Covid Analysis:

Mentor/Guide : Anilkumar Manchikatla, IIT Alumnus & Industry Expert, Technical Director – Centre for Training and Employment(CTE)

Objective: To extract actionable insights from **COVID-19** case data by applying data science techniques, forecasting future trends, visualizing key metrics and enabling insights into infection trends, growth rates, and recovery patterns using real-world data.

Technologies: Python, Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn, Time Series Analysis.

Project-3 : Disney+ Hotstar Content Analysis and Recommendation System using Data Science:

Mentor/Guide : Anilkumar Manchikatla, IIT Alumnus & Industry Expert, Technical Director – Centre for Training and Employment(CTE)

Objective: To explore, clean, and analyze the Disney+ Hotstar dataset to Understand Content Trends by type, genre, and country, Uncover Content Addition Patterns over time, Visualize insights for better decision-making, Build a basic content-based recommendation system, and Demonstrate the real-world application of data science in the entertainment industry.

Technologies: Python, Pandas, NumPy, Matplotlib, Seaborn, WordCloud, Missingno, Content Based Filtering.

Project-4: Iris Flower Classification

Mentor/Guide : Anilkumar Manchikatla, IIT Alumnus & Industry Expert, Technical Director – Centre for Training and Employment(CTE)

Objective:To develop a supervised machine learning model that classifies Iris flowers into three species—Setosa, Versicolor, and Virginica—based on sepal and petal measurements, using data analysis and predictive modeling techniques.

Technologies:

Python, scikit-learn, Pandas, NumPy, Matplotlib, Seaborn

Professional Experience:

- Team Leader(TL), IT dept at **SURE PUBLICATIONS(SIA GROUP) (6+ years)**

Role and Responsibilities:

- To **Prepare** copyright-free study material(**ALL IN ONES**) for **B.E., B.Tech, MCA, and MBA (computer -related subjects)**.
- To **Review** content prepared by team members/content writers.
- To **Guide** proofreaders.
- To **Compile** comprehensive assessment paper for job seeking candidates that outlined key performance indicators, resulting in a selection process

that improved candidate quality and reduced hiring time by 25% across these roles..

- To **Conduct Technical Interviews** for the candidates.
- **Data Science and ML Intern** at Centre for Training And Employment(CTE)
- Recently joined **PlanetSpark** as an online **Mathematics Tutor**.
- Worked as an online **mathematics and computers tutor** at **Urban Pro**.
- Graduate Engineer Trainee at **VIJAI ELECTRICALS LIMITED**(6 months).
- **Programming Instructor(C & C++)** : 1 year of experience teaching engineering students.

Special Achievements:

- Ranked **Tenth(X)** in the entire university (**O.U.**)
- Authored a book for **MCA first year: Computer Programming Using C++ (SPECTRUM SERIES, SURE PUBLICATIONS)**.
- Got **distinction** in **B.E.(topper)**
- **Class topper** from I to IX
- **School topper** in X.
- **College topper** in Intermediate.
- Received **Excellence Award** (College topper).
- Received **Top Scorer Award** in **Programming in C & C++**.
- Received **Best Teacher Award** in school on Teacher's Day.

Strengths

- Good Communication Skills.
- Fast Learner, Creative, Multitasking, and Accountable.
- Ability to cultivate a resilient team environment by encouraging open communication and collaboration.
- Leadership and Teamwork abilities.
- Commitment and performance-oriented.

Personal Profile

Name	: SHAZIA SULTANA
Father's Name	: Syed ValiUllah Ahmed
Husband's name	: M.B.A.Wasif
Date of Birth	: 03/17/1984
Gender	: Female
Nationality	: Indian
Languages known	: English, Hindi, Urdu,Telugu(read and write only).
Hobbies	: Reading books, playing games, listening to music, Browsing the net.
Phone	: 8374349435, 8374539435
E-mail Address	: shaz.wasif@gmail.com
Linked In ID	: https://www.linkedin.com/in/shazia-sultana-b-e-i-t-a492b7b5
Github ID	: https://github.com/Shazia173

Declaration

I hereby declare that all the information provided is true and correct to the best of my knowledge and belief.

Place: Hyderabad

Date: 08/11/2025

SHAZIA SULTANA
