

# SHAFIKHA YASMEEN MOHAMMAD

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## CAREER OBJECTIVE

To secure an entry-level position in a reputed organization where I can apply my technical knowledge and analytical skills. I aim to contribute effectively to team goals while continuously learning new technologies. Seeking opportunities for professional growth in a dynamic work environment.

## SKILLS

### Technical Skills

- **Programming Language :** Python, Java, C
- **Database** MySQL, SQL Server
- **Web technologies :** HTML, CSS
- **Tools:** GitHub, Visual Studio Code, MS Office (Word, PowerPoint)

### Soft Skills

- Leadership
- Communication
- Problem Solving
- Adaptability
- Self-Learning
- Teamwork
- Time Management

## PROJECTS

### ZEPTO E-COMMERCE SQL DATA ANALYSIS PROJECT

- **Abstract:** Built a relational database and performed data cleaning, exploration, and analysis on e-commerce inventory data. Generated business insights on pricing, discounts, stock levels and revenue using SQL.
- **link:** [https://github.com/ShafikhaYasmeen/SQL\\_Project](https://github.com/ShafikhaYasmeen/SQL_Project)

### TEXT-TO-VIDEO GENERATION USING DIFFUSION MODELS

- **Abstract:** Designed and implemented a deep learning system using the DAMO-VILAB text-to-video diffusion model to generate realistic video sequences from natural language prompts. Leveraged transformer-based encoders and latent diffusion techniques to produce high-fidelity, temporally consistent video outputs. Utilized PyTorch and Hugging Face libraries in a GPU-accelerated environment for efficient model execution and visualization.

### IMAGE GENERATION FROM TEXT PROMPT

- **Abstract:** This project explores the application of Stable Diffusion model fine-tuned on the pre-trained LAION-5B dataset for generating high-quality images from text descriptions. The proposed system utilizes a deep learning based approach to learn the mapping between text and image, enabling the generation of realistic images that accurately reflect the input text

## CERTIFICATION

- **YOUNG PROFESSIONAL COURSE (TCS ION)**
- **TRAINING ON WEB DEVELOPMENT ( INTERNSHALA )**
- **IR4.0 FOUNDATION COURSE UNDERTECHSAKSHAM (MICROSOFT AND SAP EDUNET FOUNDATION)**

## EDUCATION

### RAJIV GANDHI UNIVERSITY OF KNOWLEDGE AND TECHNOLOGIES, BASAR

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING

2021 - 2025

Cum. GPA: 8.44/10.0