



Farhat Momin

Python Developer | Data Analyst | ML Enthusiast

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EDUCATION

Rizvi College Of Engineering

Bachelors of Engineering, Computer Science - Current CGPA- 8.5

2022 - 2026

K.M.E.S. Junior College

HSC (Information Technology) - Percentage- 75

2021 - 2022

K.M.E.S. English High School

SSC - Percentage- 90

2019 - 2020

PROJECTS

Jarvis – Voice-Activated Virtual Assistant

Developed a voice-activated assistant that utilizes GPT-3.5 for natural language processing. It handles web browsing, music playback, and provides news updates all via voice commands. Implemented speech recognition and text-to-speech functionality for seamless interaction.

Technologies Used: Python, OpenAI, Speech Recognition, pyttsx3

Sketchify

A Python application that transforms any image into a pencil sketch. Users can either capture an image from a webcam or input an existing image file. Using OpenCV, the program applies grayscale, inversion, and blurring techniques to create realistic sketches.

Technologies Used: Python, OpenCV

Spaceship Game

A multiplayer game built with Pygame where players control spaceships, shooting and dodging incoming bullets. The game features engaging graphics and competitive gameplay, where the first player to lose all their health loses the game.

Technologies Used: Python, Pygame

Message Spam Detection

An ML-based text classification system that identifies whether a message is spam or not. It uses a Random Forest Classifier trained on a preprocessed dataset, with both command-line and graphical interfaces for ease of use.

Technologies Used: Python, Scikit-learn, Tkinter

SKILLS

- **Languages:** Python, JavaScript, HTML, CSS
- **Data Science & Analysis:** Pandas, NumPy, Matplotlib, Scikit-learn
- **AI & ML:** OpenAI GPT-3.5, Text-to-Speech, Speech Recognition
- **Tools & Libraries:** Jupyter, PyTorch, TensorFlow
- **Database:** MySQL
- **Version Control:** Git, GitHub
- **Soft Skills:** Problem-solving, Teamwork, Communication

CERTIFICATE

Postman API Fundamentals Student Expert

- Mastered API testing and automation using Postman.
- Gained practical experience with RESTful APIs and Postman collections.