

# Mohd Zaheeruddin

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## EDUCATION

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**Shetty Institute of Technology**

*B-Tech in Artificial Intelligence and Machine Learning*

**Gulbarga, India**

2024-2028

## EXPERIENCE

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## PROJECTS

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### Password Generator | Python

- Developed a Password Generator program in Python to create secure, random passwords.
- Allow customization of password length and character type (letters, numbers, symbols).
- Used the secrets module to ensure cryptographic randomness and security.
- Implemented validation to meet strength requirements and enhance usability.

### Caesar Cipher | Python

- Developed a Caesar Cipher program in Python for text encryption and decryption.
- Supported customizable shift values to encode messages with a specified key.
- Supported customizable shift values to decode messages with a specified key.
- Ensured proper handling of edge cases like alphabet wrap-around (e.g., z to a).

### Hangman game | Python

- Developed a Hangman game in Python with a command-line interface.
- Allowed players to guess letters and limited incorrect attempts.
- Integrated random word selection from a predefined word list.
- Provided real-time feedback on the word's progress and incorrect guesses.

### Blind Auction | Python

- Developed a Blind Auction program in Python where users place secret bids.
- Implemented a system to collect bids and reveal the highest bid at the end.
- Used a dictionary to store user names and their corresponding bids.
- Provided a simple command-line interface for user interaction and bid submission

### Rock, Paper, Scissors game | Python

- Developed a Rock, Paper, Scissors game in Python with a command-line interface.
- Allowed users to play against the computer with random selections.
- Implemented logic to determine the winner based on game rules.
- Provided real-time feedback on the outcome of each round and score.

## TECHNICAL SKILLS

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**Languages:** Python,

**Frameworks:**

**Dev Tools:** Github, Google Colab, Jupiter Notebook, Visual Studio Code, PyCharm,

**Libraries:**