

# ISMAIL ZIA

Hyderabad, Telangana

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## Personal Profile

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Third-year Computer Science student with a strong foundation in data structures, algorithms, system design and object-oriented programming . Proficient in C, with experience in C++, JAVA and Python. Actively building hands-on projects to deepen system level understandings and solve real world problems through code . Currently seeking Software Development roles to grow within high impact engineering teams , with a focus on clean architecture , collaboration and technical depths.

## Skills

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### 1.Text Editor

Custom Text Editor – C, Terminal UI

Designed a lightweight terminal-based text editor inspired by ‘kilo’

Implemented raw input mode, screen rendering, and file I/O from scratch.

### 2. Tic Tac Toe

Tic Tac Toe Game – Java OOP

Developed a classic two-player Tic Tac Toe game using Java.

Applied object-oriented principles for game logic and UI separation.

### 3. Word Count

Word Count Tool (ccwc) - C

Built a custom version of the Unix ‘wc’ command with options for byte, word, line, and character count.

Used low-level file handling and command-line parsing techniques.

## Skills

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Languages : C(Proficient), C++, JAVA, Python

CS Fundamentals : Data Structures & Algorithms, OOP, System Design, SQL

Soft Skills : Critical Thinking Time Management, Adaptability

## Education

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Maulana Azad National Urdu University

Hyderabad, India

Bachelor of Technology (Computer Science)

2023-2027

**CGPA –8.39**

## Languages

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- English
- Urdu
- Hindi
- Native