



# RAJAT KUMAR SINGH

## Algorithm Developer Intern

### PROFESSIONAL SUMMARY

Results-driven candidate with a keen aptitude for logic and exceptional problem-solving skills. Proficient in Python, fundamental data structures (stack, queue, linked list), basic sorting algorithms, recursion, and complexity analysis for efficient solutions. Demonstrates strong organizational prowess and dependability, managing multiple priorities with a positive attitude. Known for excellent time management in challenging environments.

### PROJECTS

#### 1. Terminal Based Maze Solver | 🧠

Python | DSA | CLI | Random | BFS | Git | GitHub

- Designed and implemented a terminal-based maze solver using Python.
- Used data structures and algorithms to efficiently navigate and find the shortest path in the maze.
- Utilized CLI for user interaction and incorporated randomization for dynamic maze generation.
- Managed code versioning and collaboration using Git and GitHub.
- Applied problem-solving skills to optimize the algorithm for improved performance.

#### 2. Terminal Based Typing Master | 🧠

Python | I/O | Random | Time | Json | Git | GitHub

- Developed a terminal-based typing practice program using Python.
- Designed user-friendly interface and incorporated random texts for typing exercises.
- Implemented I/O operations for user input and timing measurements for accuracy assessment.
- Utilized JSON for storing user profiles and progress tracking.
- Utilized Git and GitHub for version control and collaboration during development.

#### 3. Rock, Paper, and Scissors Game | 🧠

Python | Random | Emojis | Dictionary | Git | GitHub

- Created a classic rock, paper, and scissors game using Python.
- Implemented a simple and interactive user interface using emojis.
- Utilized dictionaries for defining game rules and determining the winning outcomes.
- Implemented randomization for computer-generated moves.
- Managed code versioning and collaboration using Git and GitHub.

### WORK EXPERIENCE

#### Yamuna Realtech, Greater Noida

##### Digital Marketing Manager

Feb 2023 - Mar 2023

##### Job responsibilities:

- Researched industry trends for targeted strategies, boosting effectiveness by 20%.
- Improved ROI by 15% through data-driven decisions using tools like Google Analytics.
- Elevated email marketing impact with a 25% increase in clicks and 30% higher conversions.
- Grew organic website traffic by 40% through strategic content marketing.
- Managed social media, increasing engagement by 50% and expanding the online community by 20%.
- Optimized online presence, resulting in a 25% increase in brand recognition.

### CONTACT

✉ rajatkumarsingh257@gmail.com

📞 +91-9810665347

📍 Greater Noida, Uttar Pradesh

📁 [Portfolio Link](#)

🔄 [RAJATKUMARSINGH527](#)

🌐 [rajat-kumar-singh-574650208](#)

### EDUCATION

#### Career Accelerator Program

Prepleaf by Masai, Bangaluru

Feb 2023 - Present

#### Bachelor of Science (B.Sc) : General

Indira Gandhi National Open University

(I.G.N.O.U), New Delhi

June 2017 - June 2022

### TECHNICAL SKILLS

Python | Complexity Analysis | DSA |

HTML5 | Git | CSS3

### SOFT SKILLS

Effective Communication |

Teamwork and Collaboration |

Strong Problem Solving |

Time Management

### INTERESTS

- YouTuber(Vlogger)
- Sports
- Fitness Freak
- Helping Mom

### CERTIFICATIONS

- [Career Accelerator Program](#)
- [Python for Problem Solving - 1](#)
- [ZOOM MARATHON CHALLENGE](#)
- [HUKUMU INTERVIEW HACKATHON](#)