



# 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. Rock, Paper and Scissors Game | 🌐 | 🐙

Python | Random | Emojis | Git | GitHub

- Designed and implemented an algorithm for a rock, paper, and scissors game
- Utilized Python programming language to develop the game logic
- Implemented data structures and optimization techniques to enhance game performance

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

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

- Developed a terminal-based typing master application to improve typing speed and accuracy.
- Utilized Python programming language to create user-friendly interface and interactive features.
- Incorporated algorithms to measure typing speed, accuracy, and identify areas of improvement.

#### 3. Terminal Based Maze Solver | 🐙

Python | DSA | CLI | Random | Git | GitHub

- Engage users with real-time maze navigation and visualization, fostering immersive experiences directly within the terminal interface.
- Utilize advanced algorithms like DFS or BFS to swiftly find the shortest path, ensuring optimal maze-solving performance.
- Empower users to tailor maze dimensions and challenge levels, with intelligent restriction of random walls for solvable yet engaging layouts.

### 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

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📍 Greater Noida, Uttar Pradesh

📁 [Portfolio Link](#)

🔄 [RAJATKUMARSINGH527](#)

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### 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](#)