



# 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

- Developed a terminal-based maze solver using Python and DSA
- Implemented a BFS algorithm to find the shortest path in the maze
- Utilized the CLI interface for user interaction
- Collaborated with industry experts to optimize the solution for algorithmic efficiency

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

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

- Created a terminal-based typing master program in Python
- Integrated input/output handling and random word generation
- Utilized JSON for storing user data and progress tracking
- Received positive feedback from users for its effectiveness in improving typing speed and accuracy

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

Python | Random | Emojis | Dictionary | Git | GitHub

- Developed a rock, paper, and scissors game using Python
- Implemented an interactive user interface with emojis for enhanced user experience
- Utilized dictionary data structure for mapping game outcomes
- Shared the project on GitHub, receiving positive feedback and contributions from the developer community

### 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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📁 [Portfolio Link](#)

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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](#)
- [HUKUMU INTERVIEW HACKATHON](#)