

Kuldeep Singh

Delhi, India | kuldeepsingh050600@gmail.com

LinkedIn Profile - [Kuldeep Singh](#) , Leetcode Profile - [iamkuldeep](#) , Github Profile - [iamkuldeep05](#)

EDUCATION

Netaji Subhas University of technology

Master of Technology

Major in Computer Science and Engineering

Cumulative GPA: 7.52/10.0

Relevant Coursework: Intro to ML,Blockchain, Distributed System

New Delhi, India

Aug 2023 - Aug 2025

Guru Gobind Singh Indraprastha University

Bachelor of Technology

Major in Computer Science and Engineering

Cumulative GPA: 8.45/10.0

Relevant Coursework:Data Structures, SQL, Algorithms, Operating System, Computer Networks

New Delhi, India

Aug 2018 - Aug 2022

WORK EXPERIENCE

Freelance Software Developer

Remote, Apr 2022 – Present

- Delivered 10+ software solutions leveraging Python, C++, and JavaScript, improving workflows by 30%.
- Designed interactive web applications using ReactJS, HTML, and CSS, ensuring seamless experiences.
- Optimized SQL databases and integrated APIs, achieving 95% client satisfaction.

CodeSpeedy Technology Private Limited

Remote, New Delhi, India

Python and C++ Programmer Intern

Feb 2020 – Mar2020

- Authored and published 20+ technical programming tutorials on Python and C++, enhancing online coding resources.
- Developed expertise in algorithms, data structures, and problem-solving techniques, ensuring high-quality content.
- Collaborated with the editorial team to align with industry standards, improving user engagement and maintaining content clarity.

PROJECTS

Blockchain based Healthcare Recommender System || Technologies: Python, Machine Learning, Blockchain [\[Sourcecode\]](#)

- Integrated Random Forest Classifier (RFC) with 96% accuracy to recommend medicines based on patient symptoms, improving the precision of healthcare predictions and treatment suggestions significantly
- Engineered Flask-based RESTful APIs for efficient data transactions.
- Transformed a 500+ record Kaggle dataset for robust training, ensuring high-accuracy recommendations.
- Implemented blockchain technology, enhancing data security and integrity with 100% tamper-proof records.

CPU-Scheduling-Algorithms || Technologies: C/C++

- Implemented 7 CPU scheduling algorithms in C++, including FCFS, Round Robin, SPN, SRT, HRRN, and Feedback with varying time quantum, achieving a 95% code efficiency.
- Analyzed performance metrics for each algorithm through simulations, reducing average waiting time by 30% and optimizing CPU utilization by 25%.

TECHNICAL SKILLS

Languages: C/C++, Python, Javascript,MySQL, C++ STL

Database Management:MYSQL, SQL

Frontend Frameworks : ReactJS, HTML, CSS

Coursework: Data Structures,Algorithms,OOPs,Operating System

Others: Git, Github, jupyter Notebook

COURSES, CERTIFICATIONS AND MISCELLANEOUS

- Published Research Article: "Maverick Voice Assistant Using Python" in IJRASET, also available on IEEE.
- Completed 'Introduction to C++' course from "Coding Ninjas". | [\[Certificate\]](#)
- Completed 'Data Structures in C++' course from "Coding Ninjas". | [\[Certificate\]](#)