

# Ajay Singh Rajawat

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## EDUCATION

### NETAJI SUBHAS UNIVERSITY OF TECHNOLOGY

M.TECH | COMPUTER SCIENCE  
2021-23 | Dwarka, Delhi  
SGPA: 8.0 / 10

### DR. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY U.P [AIMT COLLEGE]

B.TECH | COMPUTER SCIENCE  
2015-19 | Greater Noida, UP  
CGPA: 7.2 / 10

## LINKS

Github:// @AjayRajawat01  
LinkedIn:// @AjayRajawat01  
Medium:// @AjayRajawat01  
Leetcode:// @AjayRajawat01

## SKILLS

### PROGRAMMING

Languages

C • C++ • Solidity

Tools and Technology

Metamask • Ganache • Remix-IDE

NodeJS • Socket.IO • Figma •  $\LaTeX$

Visual Studio

Web Development

HTML • CSS • MySQL • MongoDB

## COURSEWORK

### GRADUATE

Data structures and algorithms

Operating Systems

Distributed Computing

Database Management System

Computer Vision

Human Computer Interface

Digital Watermarking

### ELECTIVE

Behavioural And Personal Finance

Blockchain Technology

(Research Asst. & Teaching Asst)

## PROJECTS

### LAND REGISTRY USING BLOCKCHAIN | APRIL 2022 - PRESENT

Guide: Dr. Poonam Rani, Professor Dept. of CSE NSUT Delhi

- Currently doing research on transaction security and verification.
- Merkle tree is used for validity and linking of the chain and reduce disk space.

### REAL TIME END-TO-END ENCRYPTED CHAT USING NODE.JS AND SOCKET.IO | FEB-2022

Course Project | Dr. B.K Singh, Professor Dept. of CSE NSUT Delhi

- Developed and design a real time application for multiple users to do end-to-end encrypted chat.
- AES(Advanced Encryption Standard) algorithm is used for encrypting and decrypting the message.

### ALGORITHMIC TRADING | OCT-2021

By Self

- Automated trading that follows a defined set of instructions to place a trade.
- Reduced the possibility of mistakes by human traders based on emotional and psychological factors.
- It can help to avoid significant price changes as the orders are executed within seconds.

## POSITIONS OF RESPONSIBILITY

### TEACHING ASSISTANT | AUG 2021-PRESENT

Netaji Subhas University of Technology

- Performed various duties as a teaching assistant to University faculties.
- Duties included conducting weekly labs and evaluating assignments for under-graduate students.

### STUDENT HEAD OF MESS COMMITTEE IN COLLEGE HOSTEL

Oct 2021 – May 2022 | NSUT, DELHI

- Handled funds of mess committee and managed around 200 student's cultural functions.

## ACHIEVEMENTS

- Solved more than 350+ programming problems on different platforms.
- GATE 2020: Secured All India Rank 2822 among 1 lakh candidates.
- Got 4<sup>th</sup> position in annual inter college Hackathon where more than 600 students participated.

## EXTRA-CIRICULAR ACTIVITES

- Coordinator of "Shikshak Samman Samaroh" organized by Rashtriya Shaikshik Mahasang,Uttar Pradesh (Where 600+ Teachers were gathered for Award Ceremony)
- Organized Multiple Hackathon, Tech Event and Quiz Fests.