

Ajay Singh Rajawat

Github | LinkedIn | Website

+91-8448173464 | ajay.rajawat.pg21@nsut.ac.in | ajay.rajawat.nsit@gmail.com

EDUCATION

NETAJI SUBHAS UNIVERSITY OF TECHNOLOGY

[NSIT] M.TECH | CSE

2021-23 | Dwarka, Delhi

SGPA: 8.2 / 10

DR. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY U.P

[AIMT COLLEGE]

B.TECH | CSE

2015-19 | Greater Noida, UP

Percentage: 71.72%

LINKS

Github:// @AjayRajawat01

LinkedIn:// @AjayRajawat01

Medium:// @AjayRajawat01

Leetcode:// @AjayRajawat01

SKILLS

PROGRAMMING

Languages

C++ • Java • Solidity

Cloud/Server

AWS Lambda, • SQS, • EC2

Frameworks

Spring • Dagger • AWS CDK

Google Guice

Tools and Technology

Metamask • Ganache • Remix-IDE

Figma • \LaTeX • Visual Studio • IntelliJ

Familiar

JavaScript • MongoDB • ReactJS

NodeJS • Socket.IO

COURSEWORK

GRADUATE

Computer Vision

Human Computer Interface

Advanced Data structures and algorithms

Design and Architectural Patterns

Operating Systems

MOOC

Git-Github

Behavioural And Personal Finance

Blockchain Technology

(Research Asst. & Teaching Asst)

WORK EXPERIENCE

AMAZON | SOFTWARE DEVELOPMENT ENGINEER INTERN

Jan 2023 - Present

- As part of Value Added Services team, developed tech capabilities across multiple platforms and streamlined the purchase and fulfillment processes.
- Initially worked on resolving a significant issue for 30% of customers who mistakenly purchase policies directly from the product page, resulting in unattached mapping.
- Currently working on developing a service from the ground up, which involves the creation of a case whenever an anomaly is detected.

Tech used: Java, Dagger, CDK, AWS, Lombok, Mockito, Jacoco

PROJECTS

LAND REGISTRY USING BLOCKCHAIN

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

- Engaged in research focused on transaction security and verification.
- Merkle tree is used for validity and linking of the chain to 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

- 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-DEC 2022

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.

ACHIEVEMENTS

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