

# OJASVA JAIN

Indian Institute Of Information Technology , Kota

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## TECHNICAL SKILLS

**Programming Languages:** C, C++, Python

**Web Design:** HTML5, CSS

**Database:** My SQL

**Server Tools:** Git, GitHub

**Data Structures and Algorithms**

**Other Tools:** VS-code, Canva , MS Excel, Movie maker, Adobe Photoshop, Illustrator, LINUX

## EDUCATION

**B.TECH (U.G) Computer Science Engineering 8.68 CGPA**

December 2020 - May 2024

**Indian Institute Of Information Technology , Kota**

Jaipur, IN

### • Course modules:

- Object Oriented Programming Language, Data Base Management System, Probability & Statistics, Operating system, Computer Networks, Software Engineering , Compiler design, Data Mining, Information Retrieval

### • Additional Course :

- **Udemy** Finance course: stock market course
- **Geeks for Geeks** (C, C++, DSA, SQL) **Data Structures and Algorithms**

## KEY DEVELOPMENT PROJECTS

- **High Frequency Trading (ML and finance) | March 2023|[\(Link\)](#)**
  - Predicting future **mid-price** movements of stock based on **historical high frequency data** using ML (3 months)
- **Natural Language Processing (Automatic Text summarization)|September 2022|[\(Link\)](#)**
  - Performed stop word **removal** , **lemmatization** and **stemming** on a document and summarized the text (4 week)
- **Bus Reservation project |August 2022 |[\(Link\)](#)**
  - Developed using **C++ OOPS** language ,main aim is to allot seats in efficient manner (2 week )

## PROFESSIONAL EXPERIENCE

### SDE Intern

December 2022 - April 2023

**Finesse Advisory Services Pvt. Ltd.**

Jaipur, IN

- Analyzed over **20+ research papers** on trading and High and mid Frequency Trading
- Studied and Executed various **Machine Learning** models and classifiers **4** (catboost, xgboost ,Istm ,vIstm)
- **Forecasted** movement of mid-price value for various stock using Machine learning
- Designed various complex feature vectors for *Machine learning models* (**100+**)

### Quantitative Analyst Intern

April 2022 - July 2022

**MESHRAM AND ADVISORS**

Mumbai, IN

- **Evaluated risk** portfolio management and it's various components and aspects (**1 week**)
- Examined **stock market** , **patterns** and **technical analysis** methods (**2 months**)
- Applied advanced Mathematics , Probability and **statistics** on **5+** strategies
- Generated and Coded complex **models** used by firms to reduce risk by **60%**

### Web Developer Intern

April 2022 - May 2022

**Y-HILLS**

Noida, IN

- **Developed resume** and **portfolio** website using HTML AND CSS (**2 days**)
- Created **E-commerce** website with various features using HTML,CSS (**2 week**)

## PUBLICATION

- **Wrote C,C++** language Book (2)| Nakoda Publishers and Printers [\(Link\)](#)
- **Published 5+** Crescendos college Magazine [\(Link\)](#)

## RESEARCH PAPER

- Implemented existing paper on **Data Hiding in Encrypted Images** in python [\(Link\)](#)

## ADDITIONAL INFORMATION

- **JEE Mains -98.3% | JEE Advance - Qualified 2020 | GATE (Computer Science) 2023 Qualified**
- **Grand Master** In UCMAS ( **9TH level** )
- Secured **4180** Rank in Google Kickstart
- Completed **Google Cloud Computing Workshop** (**30 days**)
- Solved **200+** problems on various platform
- **Public Relation Head and Drafting Community member** at IIIT KOTA CACS | November 2022
- **Finance Lead and Social Media Head** at MNIT JAIPUR ED- Cell | March 2021
- Core Member of Odyssey (literature society) , IIITian Networks , ED-CELL MNIT JAIPUR, E-CELL IIIT KOTA | January 2020

## CERTIFICATIONS

- SQL|Geeks for Geeks|December 2022 [\(Link\)](#)
- Web Development| **IIT Delhi and IIT Hyderabad** |June 2022 [\(Link\)](#)
- **C++ , Java** language | Universal classes |November 2021 [\(Link\)](#)
- **Google cloud Workshop** |Google |September 2021 [\(Link\)](#)
- C language | Prestige | December 2020 [\(Link\)](#)

## VOLUNTEER EXPERIENCE

- Member of NGO "**RISHTON KI NAYI PAHAL**" Blood donation, Tree plantation, Donation to blinds, Donation to old age homes