

# Jaideep Sharma

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## Academic Qualifications

### Indian Institute of Technology (BHU) Varanasi

Major: Computer Science Engineering  
Current CPI (after 4 semesters) – 9.05/10

**Btech+Mtech**  
2020–Ongoing

## Scholastic Achievements And Scholarships

- Achieved **All India Rank 1000** in JEE (Advanced) out of 150,000 shortlisted candidates [2020]
- Secured **All India Rank 372** in JEE Mains out of 1.2 million candidates [2020]
- Recipient of the prestigious **KVPY Fellowship** by Dept. of Science and Technology, Govt. of India [2019]
- Achieved the prestigious **NTSE Scholarship** by Dept. of Science and Technology, Govt. of India [2018]
- Stood among **National Top 1%** in National Standard Examination in Chemistry [2019]
- Successfully completed **Hacktoberfest'21** [2021]
- Secured **458 rank** in the Newton's Grand Coding Contest 2022 [2022]

## Experience

### TreeVed

Backend Developer

May 2022–Ongoing

- Implemented **Restful APIs** for Group and Channels
- Integrating **Celery** to the Code Base for **Async Job Scheduling**
- **Exposure:** Django RestFramework, PostgreSQL, Amazon Web Services(AWS)

### The Code Mesh

Backend Software Intern

Sept 2021–Oct 2021

- The Project was aimed at no-code development for shopify app development
- Worked on Integrating APIs from platforms like Shopify and Zoho CRM
- **Exposure:** React.js, Node.js, API Development

## Projects

### Cartesian pick-place robot using Q-Learning

Dr. Lakshmanan Kailasam, IIT (BHU) Varanasi

Jan 2022–May 2022

- Implemented pick-place robot using Reinforcement Learning **Q-Learning Algorithm**.
- Achieved **83% efficiency** during model training.
- **Exposure:** PyBullet, Matplotlib, NumPy

### Movie Recommendation System

Self-motivated

May 2022–May 2022

- Provided movie recommendations using Scikit-learn.
- Used **matrix factorisation method** to generate recommendations.
- **Exposure:** Scikit-learn, NumPy

### Movie ticket booking website

Dr. Amrita Chaturvedi, IIT (BHU) Varanasi

Aug 2021–Oct 2021

- Developed a movie ticket booking-cum-management website.
- Used **Django** as backend, Bootstrap for frontend and **Axios** for calling APIs.
- **Exposure:** Django, Axios, Bootstrap

## Technical Skills

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**Languages:** C/C++, Python, SQL

**Frameworks:** Keras, PyTorch, Tensorflow

**Development:** Django, Django Rest Framework, PostgreSQL, React, Nodejs, JavaScript, TypeScript

**Utilities:** AWS, Docker, Git, Jupyter Notebook, Google Colab

**Competitive Programming:** Rated Pupil on Codeforces (max rating 1336) and 2 star coder(max rating 1573) on Codechef

## Relevant Courses

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**Online:** Machine Learning By Andrew Ng, Deep Learning Specialisation By Andrew Ng

**Classroom:** Probability and statistics, Artificial Intelligence, Data Structures, Algorithms

## Extra Curriculars

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### Student Induction Mentor

*Student Counseling Service*

2022

Mentor to 20 Freshers for helping them cope up with the curriculum and solve their general concerns

### Quora Writer

*Quora*

2020-Present

Total **over 350000+ views** and over **350+ followers** on Quora where I regularly provide educational Answers related to JEE Prep, Programming, General Advice