Nikita Singh

✉ singhnikita10602@gmail.com 📞 7379115153 ⚲ surfacewatering in nikitasingh106

Education

2020 – 2024	**Indian Institute of Technology (BHU) Varanasi** *Bachelor of Technology, Computer Science and Engineering* CPI - 9.45/10.0
2020	**City Montessori School (ISC class 12) - 94.50%**
2018	**City Montessori School (ICSE class 10) - 95.20%**

Skills

- Programming Languages : C, C++, Python

- Tools and Libraries : HTML, CSS, Django, MySQL, Linux

- Areas of Interest : Data Structures and Algorithms, Web Development, Object-oriented Programming

Internship/Training

05/2022 – 06/2022	**Microsoft Engage Mentee** OnTime - Attendance Management Website • Built a website using face recognition algorithm which records the history, presence and absence of a user, reset option, adding/editing the user profile. • Exposure : Face Recognition API, OpenCV, Django, HTML, CSS • Soft Skills : Communication/Presentation skills (presenting project to mentors).

Projects

08/2021 – 11/2021	**Aeroreserve - Airline Ticket Booking Web Application** *Under Prof. Amrita Chaturvedi* • Built a Django-based website for booking flight tickets. • Implemented features like user authentication, displaying all tickets booked, displaying passenger details, and listing available flights. • Exposure : Django, HTML, CSS, Database : MySQL
01/2022 – 04/2022	**Handwritten Digit Recognition** *Under Prof. Dr. Hari Prabhat Gupta* • An exploratory project to predict values from images in handwritten form. • Models were implemented on Multivariate Time Series data. • Exposure : Machine Learning, Neural Networks, Python

Honours and Achievements

- Qualified JEE Mains and JEE Advanced in 2020

Programs
- Upcoming Summer Analyst at Goldman Sachs 2023
- Shortlisted for interview round of Google STEP Intern 2022
- Shortlisted for stage 1 of D. E. Shaw India Ascend Educare program 2022
- Shortlisted for stage 2 of JPMorgan Chase Quant Mentorship Program 2022
- Mentee for Microsoft Engage 2022 and advanced to Interview stage

Competitive Programming
- Global Rank 401 : in CodeChef Starters 15 Div 3 2021
- Global Rank 569 : in Google Code Jam to I/O for Women 2022
- India rank 1597 : in Google Hash Code 2022
- Global Rank 1429 : in Google Kick Start Round B 2022

Extra-Curricular Activities

Received the Certificate of Distinction in English in the International Benchmark Tests 2014