



## NISHANT SINGH

Gali No.-8, Surender Colony-II, Jharoda Majra, Burari, New Delhi-110084 | 8512883620

**GITHUB:-** <https://github.com/nishant1199816> || **E-MAIL:** [ns1199816@gmail.com](mailto:ns1199816@gmail.com)

### EDUCATION

B.Tech.	2021-2025	Netaji Subhash University of Tech.	6.65 CGPA
CBSE (Class XII)	2020	Govt. Boys Sr. Sec. School, Mukherjee Nagar	70.6%
CBSE (Class X)	2017	Sarvodaya Vidyalaya Kingsway Camp	8.2 CGPA

### INTERSHIPS

#### Front-End Engineering Intern, The Team Computers, Bhikaji Cama Palace

June-24 to Aug-24

- Built real-world, responsive web applications using React.js, Firebase, HTML, and CSS, ensuring high performance and cross-platform compatibility.
- Designed and implemented dynamic card components and interactive features using JavaScript, significantly improving user engagement and interface responsiveness.
- I worked on various front-end technologies, including HTML, CSS, and JavaScript, to create visually appealing designs and optimize application workflows for better usability.

### ACADEMIC PROJECTS

#### AI-Based Environmental Sustainability and Water Stress Analysis

- Developed a methodology leveraging Artificial Intelligence and Machine Learning techniques to analyze water stress levels and optimize water resource distribution.
- Implemented predictive models using IoT data and large-scale datasets to forecast water availability and identify high-stress regions.
- Applied advanced algorithms like Random Forest, ARIMA, and Neural Networks for accurate predictions and scenario simulations.
- Designed data visualizations, including heatmaps, time-series plots, and dashboards, to present insights effectively to stakeholders.
- Focused on sustainable water management strategies, including resource allocation, demand prediction, and wastage reduction.

#### AYURBOT: EMPOWERING SKIN WELLNESS

- Tech Stack:- NLP, LLMs (Llama model), Pinecone cloud database
- Developed an AI-powered chatbot serving 150+ college students and local residents, providing instant access to Ayurvedic treatments for skin diseases.

#### SHOE WEBSITE

- Custom Design and User Experience:**  
Designed and developed a visually appealing shoe store website with smooth navigation and responsiveness, ensuring a seamless user experience on both mobile and desktop devices.
- Deployment and Hosting:**  
Successfully deployed the website on GitHub Pages ([Shoes Website](#)), showcasing proficiency in web hosting and version control using Git.

### ACADEMIC ACHIEVEMENTS AND AWARDS

- Winner of Mathematical and Science quiz awards in school.
- Secured AIR-427 in Code Combat 2.0 (Coding Ninjas): Solved top rating questions with the peak accuracy among my competitors. Secured 1243th place out of 30000+ participants.

### POSITIONS OF RESPONSIBILITY

#### Vice President of Canvas Society in College:

- Managed several events held in various occasions.
- Ensured smooth functioning of the competitions.

Managed chemistry and physics laboratories in school as **Lab Assistant**.

### TECHNICAL SKILLS

- Core Domains:** Data Structures and Algorithms, Big Data Analytics, Data Science, Object-Oriented Programming, Database Management Systems, Operating Systems, Artificial Intelligence, Machine Learning, Cloud Computing, Computer Architecture and Organization, Principle of Compiler Construction
- Databases:** MySQL, MongoDB
- Programming Languages :** Java, C, Python, HTML, CSS, JavaScript, SQL
- Animation Software:** Blender Software for Animation
- Version Control:** Git, GitHub