

## EDUCATION

**Indira Gandhi Delhi Technical University for Women, Delhi, India**

*Master of Technology: CSE-AI*

*August 2023 - May 2025 (expected)*

**CGPA: 8.25**

**Dr. Rammanohar Lohia Awadh University, Uttar Pradesh, India**

*Bachelor of Technology: IT*

*July 2019 - June 2023*

**CGPA: 8.86**

**Kendriya Vidyalaya Old Cantt Allahabad, Uttar Pradesh, India**

*12th Grade*

*April 2018 - March 2019*

**77.2%**

**Kendriya Vidyalaya New Missamari No. 1, Assam, India**

*10th Grade*

*April 2016 - March 2017*

**95%**

## SKILLS SUMMARY

- **Languages:** C++, Python
- **Web Technologies:** HTML, CSS
- **Tools:** SQL, MySQL, Visual Studio, MS PowerPoint, MS Word, Overleaf, Zotero, Canva
- **Other:** Data Structure using C++, Machine Learning, Deep Learning, Natural Language Processing, Cloud Computing
- **Soft Skills:** Problem-Solving, Computer Literacy, Analytical Skills, Team Collaboration, Adaptability, Time Management, and Leadership

## RESEARCH INTERN

**Biomedical Waste Management System**

*June-July 2024*

- Gained expertise in reading and analyzing reviews and research papers. Developed skills in searching and filtering relevant literature for biomedical waste management. Studied the fundamentals of biomedical waste, including treatment techniques and current hospital management practices.
- Delved into the application of advanced technologies in biomedical waste management.
- Explored IoT for real-time monitoring and automated waste segregation.
- Developed an understanding of leveraging ML and DL for waste classification and predictive modeling of waste generation.
- Analyzed blockchain for secure and transparent record-keeping.
- Acquired skills in manuscript submission protocols for academic journals.

## PROJECTS

**Fake News Detection**

*Jan - May 2024*

- Created a fake news detection system leveraging SVM, Random Forest, XGBoost, Decision Tree, and Logistic Regression machine learning algorithms to conduct in-depth analysis. Designed a user-friendly web application with Flask to deliver instantaneous assessment of news articles.

**FoodVilla - Recipe Reference and Ingredient Ordering System**

*Jan - July 2023*

- Engineered an intuitive and responsive web interface, enabling users to explore a diverse range of recipes effortlessly. Implemented a robust backend system using MySQL to handle recipe data, user accounts, and order processing. Designed and optimized the frontend using HTML, CSS, JavaScript, and PHP, ensuring a modern and user-friendly experience.

## ACHIEVEMENTS

**Certifications and Training**

- Web Development (Internshala)
- Cyber Security and Networking (BSNL)
- HTML, CSS and JavaScript Course (Udemy)

**Volunteer Experience**

- Deepotsav, Dr. Rammanohar Lohia Awadh University, Ayodhya (2020 and 2021)

**Miscellaneous**

- Third Position in E-Poster Making Competition at University of Lucknow on International Light Day Celebration