

# Ankita Jha

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## EDUCATION

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- **NMIMS, Mumbai** 2023-2026  
*Btech IT* CGPA: 3.85/4
- **MGM Junior College** 2021  
*HSC (12th), Maharashtra* Percentage: 90
- **Muljibhai Mehta International School** 2019  
*CBSE (10th), Maharashtra* Percentage: 94.2

## PROJECTS

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- **Logistics Management System - LogiSphere**  
*Developed a comprehensive logistics management system enabling streamlined order management, real-time shipment tracking, and robust admin tools. Improved operational efficiency by reducing manual workload by 40%.*  
– Tools & technologies used: HTML, CSS, JavaScript, Node.js, PHP, MySQL
- **Caravan Booking Website**  
*Developed an intuitive interface for a caravan rental site that streamlined user navigation; reduced average time spent on bookings from 10 minutes to just 3 minutes per transaction through design enhancements.*  
– Tools & technologies used: HTML, CSS, JavaScript, PHP
- **Implementation of Scalable Reader Writer Problem**  
*Designed a scalable solution for the readers-writers problem using Java's Remote Method Invocation API, achieving a 20% reduction in access conflicts and improving data consistency across a distributed environment.*  
– Tools & technologies used: Java, Git Bash, RMI Registry
- **Unraveling the Landscape of Neural Machine Translation**  
*Conducted an in-depth review of advancements in Neural Machine Translation (NMT), analyzing over 5 state-of-the-art models and synthesizing key findings to highlight the impact on translation accuracy, efficiency, and scalability.*  
– Contributed to the research, experimentation, and analysis of NMT models.
- **Crime Against Women Dashboard**  
*Developed a Power BI dashboard that visualized crime trends, identifying 3 critical hotspots and enabling policymakers to prioritize resource allocation. Reduced data analysis time by 30% through streamlined visualizations.*  
– Tools & technologies used: Power BI, Excel, Data Cleaning, Visualization Techniques

## TECHNICAL SKILLS AND INTERESTS

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**Programming Languages:** Java, Python, SQL, HTML, CSS, JavaScript, PHP, R

**Developer Tools:** Git, RMI Registry, XAMPP

**Frameworks and Libraries:** Spring Boot, Node.js, AngularJS, Pandas, NumPy, Matplotlib

**Cloud/Databases:** Oracle, MySQL, Firebase

**Soft Skills:** Problem-solving, Teamwork, Communication, Leadership

**Coursework:** Data Structures and Algorithms, Database Management Systems, Web Development, Operating Systems, Data Analysis

**Areas of Interest:** Data Analysis, Web Development, Software Development, Machine Learning

**Data Analysis and Visualization:** Power BI, Base SAS, Matplotlib

**Integrated Development Environments:** Jupyter Notebook, Google Colab, Visual Studio Code, IntelliJ IDEA