

# Medha Shreyashi

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## EDUCATION

**Master of computer Applications**, *Motilal Nehru National Institute of Technology*, Allahabad May 2022  
CPI: 8.7  
**Bachelor of Computer Applications**, MLT College | Bhupendra Narayan Mandal University September 2018  
Percentage: 83.95

## WORK EXPERIENCE

**Software Engineer** - Oxane Partners, Gurugram, Haryana June 2022 - Present

- Created a Task Tracker module, enabling users to create, update, assign, and track tasks from initiation to completion, enhancing overall task management and user accountability.
- Designed task-specific and category-level reminders, automatic recurrence, and comprehensive notifications, significantly boosting task management efficiency and user productivity by 15%.
- Integrated functionalities for comments, document uploads, history tracking, and bulk task operations via Excel, cutting down dashboard interaction time by 20% and improving user experience.
- Architected a high-performance backend system leveraging Java and Spring Boot, optimizing database interaction through Spring Data JPA; successfully reduced server response time by 30%, enhancing user experience for an application with 1,000+ active users.
- Built an interactive user interface using Vue.js, improving task creation, viewing, and management processes, resulting in a 25% increase in user engagement.
- Secured comprehensive security features using Spring Security, ensuring robust authentication and authorization mechanisms, and safeguarding sensitive user data.

**Software Engineering Intern** - Oxane Partners, Gurugram, Haryana January 2022 - May 2022

- Gained practical experience with Oxane's CREST and Panorama platforms, contributing to data management and asset monitoring projects, supporting the optimization of reporting processes.
- Assisted in the development and customization of reports, improving reporting accuracy and streamlining data management workflows.

## PROJECTS

**Quiz-App** - July 2020 - January 2021 | **Tools:** HTML, CSS, JavaScript | Node.js, Express, MongoDB | Git  
Developed an MCQ quiz web app with CRUD functionality for questions, enabling dynamic quiz creation and user interaction. Implemented comprehensive post-quiz analysis, including correct answers, total attempts, wrong answers, and percentage scores, enhancing user feedback and learning outcomes.

**Vaccine-Bank** - March 2021 - May 2021 | **Tools:** HTML, CSS, JavaScript, Node.js | Blockchain, Ethereum-based Smart Contracts | Web3JS, Ganache, MetaMask | Git. A Blockchain project on vaccine authorization. Add and take vaccines with cryptocurrency. Transfers the ownership of the vaccines automatically anytime someone takes them. Unique ID generates for every vaccine seller and vaccine buyer.

## SKILLS:

**Languages:** C++, Java | **Web Development:** HTML, CSS, JavaScript, NodeJS

**Frameworks:** Spring Boot, Hibernate, JPA, Vue.js

**Tools:** Git, GitHub, VS Code, Eclipse, Sourcetree.

**Databases:** MS SQL Server, MySQL.

## ACHIEVEMENTS

**Recognized for EXCELLENCE:** Received "Excellence" Award, aligning with one of Oxane Partners' core Values.

**Secured AIR 223 in NIMCET-2019:** NIT MCA Common Entrance Test which is conducted every year to offer admission into MCA Program in participating NITs.

**Qualified for final round of Code Start 3.0:** A computer coding event for freshers held at MNNIT.

## EXTRA CURRICULAR

**Vedanta Delhi Half Marathon:** Participated in Vedanta Delhi Half Marathon open 10k category race.