



Pushpalata

Roll No.: 20232038
Bachelor of Technology
Chemical Engineering
Motilal Nehru National Institute of Technology
Allahabad, Prayagraj

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Pushpalata-S

Pushpalata Singh

EDUCATION

• Motilal Nehru National Institute of Technology, Allahabad

B.Tech in Chemical Engineering

2023 - present

CPI(Till 4th Sem): 9.07

• Tender Heart Senior Secondary School, Ranchi

Central Board of Secondary Education, Class XII

2023

Percentage: 95.5

• Tender Heart Senior Secondary School, Ranchi

Central Board of Secondary Education, Class X

2021

Percentage: 97.8

PROJECTS

• Book Attic

August 2025

Developed a responsive and user-friendly bookstore web application.

- Tech stacks used: Tailwind CSS, ReactJS, ExpressJS, MongoDB, JSON Web Tokens
- Implemented secure user authentication and registration using JSON Web Tokens(JWT) to ensure protected access.
- Enabled users to view detailed book information, search books by title or author, add books to cart and favourites and complete purchases seamlessly.
- Developed an admin dashboard for managing books inventory(add, edit and delete), viewing users, and tracking orders efficiently.

• Team Talk

June 2025

Developed a real-time chat application enabling seamless user interaction.

- Tech stacks used: HTML, CSS, Javascript, ExpressJS, NodeJS, Socket.io
- Implemented real-time bi-directional communication between client and server using WebSockets (Socket.io).
- Designed a interactive and responsive front-end interface with HTML, CSS, and Vanilla JavaScript that supports multi-user group chats.
- Built a Node.js + Express.js backend to manage user connections, message broadcasting, and server events efficiently.

TECHNICAL SKILLS AND INTERESTS

Languages: C++, JavaScript

Developer Tools, Libraries and Frameworks: Visual Studio Code IDE, Github, Git, NodeJS, ReactJS, Postman, Google Colab

Frameworks/Databases: ExpressJS, MongoDB

Soft Skills: Communication, Presentation Skills, Strategic Planning, Leadership, Collaboration

Areas of Interest: Web Development, Data Structures And Algorithms, Object-Oriented Programming

POSITIONS OF RESPONSIBILITY

– SMP Mentor Student Mentorship Program, MNNIT

July 2024 - Present

Mentored 60 students and provided them academics and career related guidance .

– Mentor Anokhi Pehel, MNNIT

October 2023 - February 2024

Taught students of classes IV to VI.

Organised Antyodaya, a fest where students participated from different schools of Prayagraj.

ACHIEVEMENTS

*Special Mention in Code Indrome organised under Rasayans, Avishkar

March 2024

*Qualified National Talent Search Examination conducted by NCERT.

2021

CODING PROFILES

Leetcode: Pushplata_S