

# Neha Sharma

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## EXPERIENCE

### MERN Stack Developer Trainee

Oct 2022 - Aug 2023

#### MilestoneOS

- Actively participated in training sessions led by experienced developers to gain hands-on experience with MERN Stack technologies.
- Collaborated with trainers to troubleshoot code and resolve technical challenges.
- Completed assigned projects and exercises to reinforce learning objectives and practical application of skills.

## PROJECTS

### 1. Blood Bank App [Live Link] [Code]

- Technologies: **React.js, MongoDB, Express.js, Reduxjs/toolkit**
- Developed a full-stack web application for blood bank management using the MERN (MongoDB, Express.js, React.js, Node.js) stack.
- Utilized **lazy loading** techniques to enhance performance and optimize user experience.
- Implemented user authentication and authorization functionalities using **JWT(JSON Web Tokens)** for secure user access.
- Implemented **CORS(Cross-Origin Resource Sharing)** middleware to enable secure communication between the frontend and backend.
- Utilized Mongoose library for MongoDB database interaction and schema modeling.

### 2. Chat App [Live Link] [Code]

- Technologies: **React.js, MongoDB, Express.js, Socket.io**
- Integrated Socket.IO to enable real-time bidirectional communication between the server and clients.
- Integrated third-party libraries such as **Axios** for efficient HTTP requests and React Router for navigation.
- Designed and implemented group chat functionality allowing users to create and participate in group conversations.
- Utilized **React Lottie** for adding dynamic animations to enhance user experience.

### 3. Postman-like App [Live Link] [Code]

- Technologies: **React.js, Express.js, Bootstrap.**
- Implemented functionality to perform HTTP requests including **GET, PUT, POST, and DELETE** using Axios for seamless communication with backend APIs.
- Integrated authorization functionality allowing users to add **authentication tokens** in request headers for secure API access.
- Implemented error handling mechanisms to gracefully handle failed API requests and display error messages to users for troubleshooting.

## SKILLS

**Languages:** Java, JavaScript, TypeScript.

**Frontend:** React, HTML, CSS, Bootstrap, Tailwindcss.

**Backend:** Node.js, Express.js.

**Databases:** SQL, MongoDB.

**Developer Tool:** Postman, VS Code, Github, Bitbucket.

## EDUCATION

### Master of Computer Science

2021-2023

Gagan College of Management And Technology (DBRAU)

Aligarh

### Bachelor of Science

2018-2021

Sri Varshney College (DBRAU), Aligarh

Aligarh

## CERTIFICATION

### Web Development

Udemy

### Databases

LinkedIn