

# Shruti Sharma

Lucknow, Uttar Pradesh

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## Objective

Motivated Computer Science graduate with a strong foundation in web development and problem-solving. Passionate about building scalable applications and optimizing performance. Seeking opportunities to apply technical skills and contribute to innovative solutions.

## Education

Master of Computer Application, AKTU

October 2023 - Present

## Technical Strengths

- **Programming Languages** - Java, JavaScript
- **Frontend Technologies** - HTML, CSS, React.js, Bootstrap
- **Backend Technologies** - Node.js, Express.js
- **Database** - MongoDB
- **Tools & Platforms** - Git, GitHub, Postman

## Projects

### ChatBridge- Chat Smarter, Connect Faster, [Github](#)

- Built a **real-time chat application** using **React** with **DaisyUI** for a modern, responsive **UI**, ensuring a seamless user experience.
- Leveraged **Zustand** for efficient **state management** and **Socket.io** for **WebSocket-based communication**, enabling low-latency, instant messaging.
- Integrated **Cloudinary** for scalable media storage and implemented a **RESTful API** with **MongoDB, Express.js, and Node.js** for secure data handling and **user authentication**.
- Designed a **scalable architecture** capable of handling **high traffic**, persistent chat history, and real-time interactions for a smooth user experience.

### FastTrack News – Breaking News & Latest Updates in Real Time, [Github](#)

- Designed and built a real-time news website using the MERN stack, integrating NewsAPI to fetch and display live headlines dynamically. Improved load time by implementing lazy loading and caching techniques, ensuring seamless browsing experience
- Integrated features such as **dynamic news feeds, top headlines, and intuitive navigation** to enhance user engagement, utilizing **RESTful APIs** and **state management** techniques for real-time data fetching and UI updates.
- Implemented **responsive** for **cross-device compatibility**, ensuring smooth user experience on both mobile and desktop devices through **performance optimization** techniques like **lazy loading** and **image compression**.

## Experience

### Software Engineer Intern

Karvatech Solutions | February 2025 – Present

- Collaborating with the development team to build and improve web applications.
- Working on full-stack web applications using the MERN stack, assisting in building and optimizing scalable solutions. Contributing to debugging, testing, and performance enhancement of live projects
- Deploying and managing applications on **cloud platforms** for scalable and reliable performance.
- Implementing **RESTful APIs** for seamless data communication between frontend and backend systems

## Core Strengths

- Quick Learner
- Self-motivation
- Positive thinking
- Perseverance
- Hard worker

## Extracurricular / certifications

- Completed **Web Development Internship** supported by **CODSOFT**, designing and deploying responsive websites using HTML, CSS and JavaScript, while collaborating on cross-functional projects (June 2024).
- Completed "**Developing Front-End Apps with React**" & "**Introduction to Web Development with HTML, CSS, and JavaScript**" on Coursera, gaining expertise in building interactive and responsive web applications.
- Developed a **fully functional project - Hotel Booking Management System**, having focus on responsive design and functionality as part of **learnFlu** curriculum (July-September 2024).