

MADHU THAKUR

Ludhiana, Punjab | +91-6390679448 | madhuthakur2321998@gmail.com
[Portfolio](#) | [LinkedIn](#) | [GitHub](#) | [Sharpener](#)

PROFESSIONAL SUMMARY

Frontend Developer and **MCA Gold Medalist** with a strong foundation in building responsive, high-performance, and user-centric web applications. Expertise in **Next.js, React.js, modern JavaScript, and Tailwind CSS**. Passionate about creating intuitive user experiences and optimized web architectures, as demonstrated through modern frontend projects. Committed to writing clean, scalable code and staying updated with the latest UI/UX trends.

TECHNICAL SKILLS

Frontend: React.js, Next.js, JavaScript, HTML5, CSS3, Tailwind CSS, Bootstrap

Tools & Platforms: Git, GitHub, VS Code, Postman

Languages & Databases: Java, MongoDB, MySQL

Core Concepts: Responsive Design, REST APIs, OOPs, Data Structures & Algorithms

KEY PROJECTS

ElevateCV - Resume Builder [🔗](#)

Jan 2026

React.js, Tailwind CSS

- **Built a modern ATS-friendly resume builder** with multi-step form handling and dynamic section management.
- **Developed a real-time resume preview system** with seamless template switching and responsive rendering.
- **Implemented drag-and-drop functionality** for intuitive section reordering and layout customization.
- **Integrated PDF export support** to generate professionally formatted resumes for easy sharing and download.
- **Optimized the application for mobile and desktop devices**, improving responsiveness and overall user experience.

Algorithm Visualizer [🔗](#)

Mar 2026

React.js, CSS Animations, DSA Concepts

- **Developed an interactive algorithm visualizer** to demonstrate sorting and pathfinding algorithms using real-time animations.
- **Implemented sorting algorithms** including Bubble, Merge, Quick, Selection, and Insertion Sort with step-by-step execution.
- **Built pathfinding visualizations** for BFS, DFS, Dijkstra, and A* with dynamic maze generation support.
- **Added performance analytics** to track comparisons, swaps, execution time, and path length across algorithms.
- **Designed a responsive UI with dark mode support** and algorithm comparison features for enhanced user experience.

EDUCATION

Master of Computer Application (MCA) | **Gold Medalist**

2023 – 2025

Hemvati Nandan Bahuguna Garhwal Central University, Uttarakhand

Bachelor of Science (BSc)

2018 – 2021

Jananayak Chandrashekhar University, Uttar Pradesh

CERTIFICATIONS & TRAINING

Fullstack Development Training | Sharpener Tech [🔗](#)

2025 – Present

React and Next.js Ultimate Course - Udemy [🔗](#)

Apr 2026

Web Designing (HTML5, CSS3, Bootstrap 5, JS) - Udemy [🔗](#)

Mar 2025

30-Days SQL Micro Course - SkillCourse [🔗](#)

May 2025