

Ujjawal sharma

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Projects

AI-Powered Code Reviewer using MERN & Gemini AI

Jan 2025 – Feb 2025

- Built an AI-powered code reviewer using the MERN stack, leveraging Gemini AI for intelligent code analysis.
- Integrated Gemini AI to provide real-time feedback, detect errors, and suggest optimizations.
- Enhanced developer productivity by automating code reviews and ensuring best practices.
- Github Link- <https://github.com/Sharmaujjawal123/AI-Code-reviewer>
- Deploy Link- <https://ai-code-reviewer-3abv.vercel.app/>

Sorting visualizer

June 2024 – July 2024

- Created an interactive web application to visually demonstrate popular sorting algorithms, including SelectionSort, MergeSort, and BubbleSort.
- Implemented intuitive UI/UX features using HTML, CSS, and JavaScript, allowing users to control the speed, size of the array, and type of sorting algorithm for better understanding.
- Ensured smooth and efficient rendering of animations by optimizing JavaScript code, leading to a responsive and educational tool for algorithm visualization.
- Github Link- <https://github.com/Sharmaujjawal123/sorting-visualizer>

Chatting application

Oct 2023 - Nov 2023

- Technologies Used: React, Node.js, MongoDB, WebSocket
- Developed a real-time chatting application with user authentication, message persistence, and an interactive UI. Implemented WebSockets for seamless bi-directional communication, ensuring instant message delivery. Designed an intuitive front-end using React and managed state efficiently with Redux. Secured user data with authentication mechanisms and optimized database performance for scalability.

Achievements

400+ DSA problems Solved

Leet Code: <https://leetcode.com/u/ujjawalsharma1/> GFG : https://www.geeksforgeeks.org/user/ujjawal_sharma/

Certifications

Server Side Js with Node.js

Jan 2025

Coursera

IBM Devops and Software Engineering

Dec 2024

Coursera

Ethical Hacking

Dec 2024

NPTEL

Computer Networking

Nov 2023

Coursera

Technical Skills

Programming Languages: - C++, Javascript

Technologies: Cisco Packet Tracer, Git, GitHub, Postman, Docker

Hands-on Knowledge: HTML, CSS, React.js, Javascript, Backend development, Devops, Prompt Engineering, Gen AI

Coursework: Operating System, Computer Networks, Object Oriented Programming, SQL

Skills: Data Structures and Algorithms, Problem-Solving, Responsive Web Design, Backend development

Education

Lovely Professional University Punjab

2022 – 2026

Computer Science and Engineering — CGPA: 8.22

Jalandhar, Punjab

JP High School

2021 – 2022

12th with Science — Percentage: 77%

Aurangabad, Bihar

D.A.V Public School

2019 – 2020

10th with Science — Percentage: 83%

Aurangabad, Bihar