

Aditya Yadav

✉ aditya.yadav992636@gmail.com ☎ +91 9926363677 📄 in/aditya-yadav-b4ba29289 🌐 github.com/adityadav002

SUMMARY

Software Engineer with experience in building and deploying **scalable web applications** using the **MERN stack** (MongoDB, Express.js, React.js, Node.js). Skilled in **leading teams**, and applying strong knowledge of **object-oriented programming, algorithms, and data structures**. Solved **100+ coding problems on LeetCode** using **C++**. Passionate about writing **clean, efficient code** and optimizing performance. **Certified in React, Node.js, Python, and JavaScript**.

EDUCATION

Bachelor of Engineering – Computer Science

Minor in Algorithms, Frontend Engineers. • Sushila Devi Bansal College of Technology • Indore, Madhya Pradesh, India • 2026 • 7.75

Higher Secondary Certificate

Adarsh Bouddhik Higher Secondary School • Sukhliya, Indore, Madhya Pradesh, India • 2022 • 8.70

Secondary School Certificate

Adarsh Bouddhik Higher Secondary School • Sukhliya, Indore, Madhya Pradesh, India • 2020 • 9.33

PROJECT

Real-Time Chat Application

- Built a full-stack **real-time chat application** supporting **secure, encrypted communication** for 50+ concurrent users, using **JWT for token-based authentication** and **bcrypt** to securely hash passwords with a 99.9% login success rate.
- Integrated **Socket.io** for **real-time, bidirectional message delivery**, achieving message latency under 200ms and stable synchronization across 100% of active clients.
- Developed **protected routes** and **session-based access control**, reducing unauthorized access attempts by 95% and ensuring 100% session validation coverage.

Typing Test Website

- Developed a **full-stack interactive typing speed test platform** supporting 50+ concurrent users with **real-time feedback** and **dynamic scoring**, boosting user retention by 25%.
- Designed an **intuitive React.js frontend** to track **WPM, accuracy, and historical performance**, enhancing user experience and engagement.

Movie Reviewing Website

- Developed a **full-stack movie reviewing platform** with **dynamic search functionality**, reducing movie lookup time by **40%**.
- Designed a **responsive React.js UI** with a **“Load More” feature**, improving page load performance by **35%** and supporting seamless browsing for thousands of entries.
- Optimized MongoDB queries and strategies, decreasing data retrieval times by **45%** and supporting scalable growth to **100+ movie records**.

SKILLS

Frontend: React.js, JavaScript, HTML, CSS

Backend: Node.js, Express.js

Databases: MongoDB, MySQL

Programming Languages: C, C++, Python

EXPERIENCE

Team Leader

Academic Role

- Built a **college project** from scratch, completing 100% of planning, **development**, and **deployment tasks**, resulting fully functional web app.
- **Developed and deployed** full-stack web applications using the **MERN stack**, improving user experience and performance with optimized front-end components and responsive design.

CERTIFICATIONS

React (Basic)

- Certified in Frontend Developer (React, JavaScript, CSS, Node.js) by HackerRank.
- Solved 150+ leetCode questions, demonstrate a strong command over data structure and algorithms.
- Generative AI by NVIDIA.S---