Monik Malviya

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TECHNICAL SKILLS

Languages: C, C++, JavaScript (ES6)
Databases and Libraries: MongoDB, Mongoose
Frameworks: React.js, Node.js, Express.js
Coursework: Data Structure and Algorithm, Object Oriented Programming
Developer Tools: Git, GitHub
Frontend Tools: HTML, CSS, TailwindCSS

EXPERIENCE

MERN Stack Intern   June 2025 – August 2025
ARKA Software   *Jaipur, Rajasthan*
- Mastered essential **MERN Stack** tools and technologies including MongoDB, Express.js, React, and Node.js.
- Implemented and optimized **RESTful APIs** for seamless data integration and improved backend performance.
- Collaborated with cross-functional teams in an **Agile environment**, enhancing code quality and delivery speed.
- Contributed to multiple client projects, strengthening proficiency in web development, debugging, and version control using Git.

PROJECTS

DevTinder | *MongoDB, Express.js, React.js, Node.js*   Link
- Designed and developed a full-stack matchmaking application using the **MERN** stack, connecting multiple users based on their skills and interests.
- Implemented a secure user authentication system with JWT and password hashing, ensuring user data privacy and account security with **100% protection against unauthorized access in testing**
- Built a real-time chat feature using **WebSockets**, enabling instant messaging with persistent messages and handling multiple concurrent users.
- Developed a robust friend request system allowing users to send, accept, or reject requests, improving user interaction and engagement by an estimated **30%**.

QuickGpt | *MongoDB, Express.js, React.js, Node.js, OpenAI*   Link
- Developed a ChatGPT-like AI chatbot capable of handling dynamic, **real-time conversations** with multiple users.
- Integrated the **OpenAI API** to provide context-aware, intelligent responses, enhancing the user experience.
- Optimized response streaming to deliver answers **20–25% faster** than the baseline API response rate.
- Implemented a **search history feature** allowing users to track past queries and responses, increasing session duration and user retention by $\tilde{3}5\%$.

EDUCATION

MBM UNIVERSITY   Jodhpur, Rajasthan
B.E. in mechanical engineering CGPA : 7.39   *Nov 2021 - May 2025*

Noble Sr. sec School   Falna, Rajasthan
PCM - 12 percentage : 89.50   *2019*

Hill Grove Col's Academy   Koliwara, Rajasthan
10th cgpa: 9.00   *2017*

ACHIEVEMENT

- Completed **Deloitte Technology** Job Simulation, involving development and coding,
- Completed **Accenture** Job Simulation, gaining hands-on experience with SDLC, algorithm design, and emerging technology research
- Earned a **HackerRank** certification in Problem solving and Web development
- Solved more than **500 problems** on various coding platforms such as **Leetcode**, **Codeforces** and **Codechef**