Rishav Watsh

Bettiah, Bihar, 845438 | rishavwatsh@gmail.com | +91-8709780455
linkedin.com/in/rishav-watsh-a2974524b | github.com/watsh74

Professional Summary

Aspiring Frontend Developer with expertise in the MERN stack. Proficient in building responsive and user-friendly web applications and translating complex requirements into impactful solutions. Strong academic foundation and hands-on experience in projects, showcasing problem-solving skills and teamwork.

Technical Skills

- **Languages:** Java, C++, C, HTML, CSS, JavaScript
- **Technologies:** MERN Stack (MongoDB, Express.js, React.js, Node.js), Git, GitHub
- **Tools:** Git, GitHub, VSCode

Projects

Blogging Website   *MERN Stack*
Jun 2024 - Jul 2024
Developed a full-stack blogging platform featuring user authentication, CRUD functionalities, and a responsive design. Integrated dynamic routing to ensure seamless navigation. Enhanced database performance by optimizing queries and implemented security features to safeguard user data. Added comment functionality with nested replies and pagination for better user interaction. Created comprehensive documentation for ease of maintenance and user onboarding, improving user navigation by 40

Realtime ChatApp   *HTML, CSS, Node.js*
Apr 2024 - May 2024
Built a real-time chat application using WebSocket to enable instant messaging with reduced latency by 30

Grocery Website   *HTML, CSS, Responsive Web Design*
Nov 2022 - Dec 2022
Designed a mobile-friendly grocery shopping website with product browsing, filtering, and checkout functionalities. Ensured cross-device compatibility, increasing accessibility by 35

Soil Moisture Detector   *Proteus, Arduino*
Mar 2023 - Apr 2023
Developed a soil moisture detector to measure and monitor moisture levels for optimized irrigation. Integrated sensor data processing with real-time display to assist farmers in efficient water usage. Added an alert system for critical moisture levels and data logging for historical analysis. Documented the project for scalability and provided actionable insights for agricultural applications, reducing water waste by 20

Book Donation System   *C Programming*
Mar 2023 - Apr 2023
Created an inventory management system to streamline book donations and reduce processing time by 15

Certifications

- Full Stack using MERN   *CipherSchool, Jul 2024*
- CSS   *HackerRank, Dec 2022*
- Programming in C++   *Coursera, Nov 2023*
- Algorithm Specialization   *Coursera, Apr 2024*
- HTML, CSS and JavaScript for Web Developers   *Coursera, Nov 2023*

Education

Lovely Professional University, Punjab   *2022 – Present*
B.Tech in Computer Science and Engineering
R.L.S.Y College, Bettiah, Bihar   *2020 – 2021*
Senior School Certificate Examination, Science
The Assembly of God Church School, Bettiah, Bihar   *2018 – 2019*
Secondary School Examination, Science