AJAY KUMAR

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PROFESSIONAL SUMMARY

Dynamic Full Stack Developer with a robust background in crafting scalable and efficient web applications. Expertly skilled in leveraging technologies such as Node.js, Express.js, and React to build seamless user experiences and powerful server-side solutions. Demonstrates proficiency in API integration, optimization, and database management, ensuring high-performance and secure applications. Passionate about problem-solving, I excel in designing innovative data structures and algorithms while collaborating effectively within diverse teams. Committed to delivering high-quality software solutions that meet and exceed client expectations.

EDUCATION

Bachelor of Technology (Computer Science) / Shoolini University / Solan   *Sep-2021 – Present*
8.1 OGPA

SKILLS

C++ | Data Structures and Algorithms | SQL | JavaScript | HTML | CSS | ReactJS | Redux | Node.js | ExpressJS | MongoDB | MySQL | JWT | Object-Oriented Programming (OOP) | Responsive Design | Bootstrap | Tailwind CSS |

PROJECTS

NEWS WEBSITE | API-BASED PROJECT
- Designed and Developed a news website utilizing HTML, CSS, and JavaScript, integrated with the NewsAPI (newsapi.org).

HELPLINE WEBSITE | Persistent User Authentication and Emergency Contact Notification – Using ReactJs, NodeJS, ExpressJs
- Developed a responsive helpline application using React.js, enabling users to store and notify emergency contacts via email with the click of a panic button.
- Implemented persistent user authentication using local storage, allowing verified users to bypass repeated email verification and directly access their emergency contacts on subsequent visits.
- Utilized Node.js and Express for backend services, including email verification with OTP and sending location updates via Nodemailer.
- **LIVE LINK**

PIXAURA | Photo Sharing Platform – MERN Stack (MongoDB, Express, React, Node.js)
- Developed a full-stack photo-sharing app with features like profile creation, photo uploads, likes, comments, and bookmarks.
- Implemented JWT authentication for secure login/logout.
- Integrated Cloudinary for efficient image storage and Axios for seamless API requests.
- Built a real-time messaging feature for user interactions.
- **LIVE LINK**

LEADERSHIP, ACHIEVEMENTS AND EXTRACURRICULARS

- **Team Leader, DBMS Project:** Led a team of 4 in developing and implementing a robust database management system, effectively coordinating tasks to ensure timely project delivery.
- **LeetCode 100 Days Badge**: Achieved consistent problem-solving by completing 100 consecutive days of coding challenges, demonstrating dedication and perseverance.
- **Table Tennis Achievements**: Awarded a Gold medal in the university tournament and a Silver medal at the intercollegiate championship, reflecting strong competitive spirit and dedication to teamwork.

INTERESTS AND HOBBIES

- **Sports:** Actively play cricket and table tennis, fostering teamwork and competitive spirit.
- **Development**: Passionate about problem-solving and software development, continuously exploring new technologies and coding challenges.