AJAY KUMAR

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**PROFESSIONAL SUMMARY**

Motivated Full Stack Developer with a strong foundation in Node.js, React, and API integration. Passionate about problem-solving and building efficient, user-friendly applications. Eager to contribute and grow as a Software Trainee.

**EDUCATION**

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

*8.4 OGPA*

SKILLS | Java | System Design | Distributed Systems

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

**PROJECTS**

**TedXshooliniuniversity WEBSITE – Using HTML, CSS , JAVASCRIPT |** [**LIVE LINK**](https://tedxshoolini-dummy.netlify.app/)

* Designed and developed the official website for TEDx Shoolini University's largest event, "The Domino Effect".
* Attracted 100+ users for ticket purchases and event participation through an engaging and user-friendly interface.

• Implemented system design principles to optimize website performance, resulting in a 20% increase in user engagement and conversions.

* Implemented responsive design to ensure a seamless experience across devices using modern web technologies like HTML, CSS, and JavaScript.

**HELPLINE WEBSITE | Emergency Contact Notification – Using ReactJs, NodeJS, ExpressJs |** [**LIVE LINK**](https://helpline-frontend.vercel.app/)

* 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.

• Integrated distributed systems architecture to ensure real-time notifications and location updates, enhancing user safety and response time.

* 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.

**PIXAURA | Photo Sharing Platform – MERN Stack (MongoDB, Express, React, Node.js) |**  [**LIVE LINK**](https://pixaura.onrender.com/)

* Engineered a MERN stack photo-sharing platform with real-time messaging, enhancing user interactions and engagement.
* 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.

**Certificates**

* Java developer

**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**

* Play cricket and table tennis
* Passionate about problem-solving and development