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 Certification | Event Participation Metrics | Python | Data Structures

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.

• Successfully tracked and reported key metrics, such as website traffic and event attendance, to measure the impact of the website on event participation.

• Utilized Python scripting to automate data analysis and visualization for key performance indicators (KPIs), enabling data-driven decision making.

* Designed and developed a responsive and user-friendly interface for TEDx Shoolini University's website, leveraging HTML, CSS, and JavaScript to provide an optimal experience across various devices.

**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.
* Implemented persistent user authentication using local storage, allowing verified users to bypass repeated email verification and directly access their emergency contacts on subsequent visits.
* Engineered a robust backend infrastructure using Node.js and Express, ensuring seamless communication through email verification with OTP and real-time location updates via Nodemailer.

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

* Developed a full-stack photo-sharing app with features like profile creation, photo uploads, likes, comments, and bookmarks.
* Engineered a secure authentication mechanism utilizing JSON Web Tokens (JWT) to ensure authorized access to the photo-sharing platform's features.
* 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