AJAY KUMAR

+91 8954363381 | [ajayvishwakarma@shooliniuniversity.com](mailto:ajayvishwakarma@shooliniuniversity.com) | linkedin.com/in/ajay-kumar-243136259/

# 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 | Microservices Architecture | Certifications in Java Development | Collaboration within Diverse Teams

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 microservices architecture to modularize the application, improving scalability and fault isolation.

* Implemented persistent user authentication using local storage, allowing verified users to bypass repeated email verification and directly access their emergency contacts on subsequent visits.
* Leveraged Node.js and Express for backend services, implementing robust email verification with OTP and real-time location updates via Nodemailer for enhanced user engagement.
* [**LIVE LINK**](https://helpline-frontend.vercel.app/)

## 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.

• Collaborated effectively within a diverse team to deliver a seamless user experience, incorporating feedback for continuous improvement.

* Implemented JWT authentication for secure login/logout.
* Integrated Cloudinary for efficient image storage and Axios for seamless API requests.
* Engineered a real-time messaging feature using WebSocket technology, enabling instant communication and enhancing user engagement.
* [**LIVE LINK**](https://pixaura.onrender.com/)

# 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.