RISHIKA

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PROFILE

Proficient in Object-Oriented Programming (OOP) using C++, with a robust understanding of core computer science fundamentals, including Operating Systems, Database Management Systems (DBMS), and SQL.

EDUCATION

Thapar Institute of Engineering and Technology, Patiala   2021- 2025
B.E. in Electronics Instrumentation and Control

SKILLS

- C++
- Data structure and algorithms
- JavaScript
- React.js
- Angular.js(basics)
- Node.js
- Express.js
- MySQL
- MongoDB

PROJECTS

Movie Booking Website   2024

- Created a MERN stack application leveraging React.js for frontend, Express.js framework for Node.js facilitating routing and middleware, and MongoDB for database management.
- Implemented password encryption techniques and JWT Authentication for secure Admin sessions.
- Utilized Material UI for appealing React component design, integrated Redux Toolkit for better state management.
- Employed Axios as a reliable, promise-based HTTP client for seamless communication between the frontend and server.

Medicine Donation Website   2023

- Designed user friendly interfaces using HTML, CSS, Javascript, Angular.js.
- Developed responsive web pages to facilitate seamless interaction for donors and recipients.
- Acquired proficiency in Express.js, and MySQL database to develop robust backend functionalities tailored to specific needs of the donation process.
- Built server-side logic using RESTful APIs.
- Also used AJAX for better user experience.

CERTIFICATIONS and WORKSHOPS

Web Development   2023

Completed certification in Web Development from Bangalore Computer Education. Proficient in HTML, CSS, JavaScript, Bootstrap, Node.js with Express.js, AJAX, JSON, jQuery, and MySQL.

Data Structures and Algorithms   2023

Completed certification in Data Structures and Algorithms from Bangalore Computer Education. Developed expertise in various data structures, enhancing code optimization and understanding of time complexity principles.