SONU KUMAR

Full Stack Developer

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Education

Lovely Professional University   **August 2020 - July 2024**

Bachelor of Technology | Computer Science & Engineering | CGPA: 7.35   *Punjab, India*

Technical Skills

Languages: C++, JavaScript, C, SQL

Front-End: HTML, CSS, JavaScript, React JS, JQuery

Back-End: Node JS, Express JS, MongoDB, MySQL, PostgreSQL, Postman, EJS

Specialties: Data Structures and Algorithms, Full Stack MERN Development, OOPs, Git, Communication skills

Projects

Simon Game | *HTML, CSS, JavaScript | Link*   Jul'2023

- Developed a digital version of the classic Simon Game.
- Utilized JavaScript to create an interactive and responsive user interface.
- Implemented the game's core mechanics, including pattern generation and user input validation.
- Designed an intuitive and user-friendly interface to enhance the gaming experience.
- Utilized event-driven programming to capture and respond to user inputs.

Buyfy | *React, Node.js, Express, MongoDB*   Sep'2024

- Designed and implemented a responsive e-commerce website utilizing React for the frontend and Node.js with Express for the backend, ensuring a seamless user experience across devices.
- Implemented secure user authentication and authorization mechanisms, allowing users to create accounts, log in, and manage their profiles, enhancing security and user engagement.
- Created an admin panel for efficient product management and order tracking.
- Built a shopping cart and checkout process, integrating payment gateways for transactions.

Keeper | *React.js*   Jan'2024

- Developed a responsive note-taking application inspired by Google Keep using React.js.
- Implemented dynamic state management with React Hooks (useState, useEffect) to handle real-time note addition and deletion.
- Structured the app with reusable components and passed data using props to ensure modularity and maintainability.
- Enhanced interactivity with event handling for creating, deleting, and managing user notes.

Achievements

- Solved over 100+ problems on LeetCode.
- Solved over 100+ problems on Coding Ninjas Studio.
- Cleared for interview round in Hackathon 2022.
- Scored **87/100** on AMCAT SVAR and **83/100** on AMCAT WRITEX assessments.

Certificates

DSA Self-paced   May'2022

- Earned the knowledge of data structure and algorithms also completed 300+ practice problems while doing this course.

Infosys Springboard DBMS   Aug'2023

- Excellent problem-solving skills and detail-oriented approach to a database management system.

Profile Links

- Portfolio