Shivam Singh

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SKILLS

Languages:	Java, C++, Sql, JavaScript.
Tools/Frameworks:	React, MongoDB, Node.js, Express, MySQL, HTML, Tailwind CSS.
Platforms:	Visual Studio Code, Linux, Blender, Unity, Github Desktop, Cloudinary.
Soft Skills:	Time Management, Teamwork, Problem-Solving, Adaptability.

TRAINING

Hitbullseye (Edtech Company)   Jun' 24 – Jul' 24

Data Structures and Algorithms / Competitive Programming

- Strengthened problem-solving skills in Data Structures and Algorithms and Competitive Programming, enhancing coding efficiency and accuracy.
- Practiced and optimized algorithms for sorting, searching, dynamic programming, and graph traversals, improving problem-solving speed by 20-25%.
- Participated in coding contests and solved 500+ problems on platforms like **LeetCode**, **Codestudio, GFG**, refining analytical thinking. Rank among top 35.6% leetcoders worldwide.

PROJECTS

CHATWAVE WEB APP | Link | Github   Feb' 25

- Built **ChatWave**, a real-time chat application offering secure and seamless communication.
- Implemented secure **JWT-based authentication**, state management using **Zustand**, and **encryption-decryption** for private and secure messaging.
- Integrated real-time messaging and notifications using **Socket.IO**, enhancing user interaction and engagement.
- Added features like **file sharing** and **emoji support** to enrich the user experience.
- Designed a responsive and visually appealing frontend using **React.js**, ensuring accessibility across devices.
- Technologies used: **React.js, Node.js, Express.js, MongoDB, Socket.IO, Zustand, JWT, JavaScript, tailwind**.

INSPIREGEN WEB APP USING MERN STACK | Link | Github   Dec' 24

- Designed an advanced **Image** generation platform, enabling users to create images from text prompts effortlessly.
- Utilized MongoDB for robust data storage, ensuring rapid retrieval and updates for read queries.
- Implemented **Razorpay** for a smooth and secure payment integration, enabling users to access premium features and manage subscriptions effectively.
- Technologies used: **React.js, Node.js, Express.js, HTML, CSS, JavaScript, MongoDB, Cloudinary.**

FOOD STORE | Link | GitHub   Feb' 24

- Built a dynamic **MERN stack** application for online food store management with secure **JWT-based authentication**.
- Integrated advanced features for **order tracking**, **inventory management**, and user account handling.
- Utilized **MongoDB** for efficient database management and streamlined data processing.
- Ensured scalability, optimized performance, and seamless functionality across devices.
- Technologies used: **React.js, Node.js, Express.js, MongoDB, JWT, Tailwind CSS, JavaScript**.

CERTIFICATES

Cloud Computing | NPTEL   Nov' 24

- Verified completion of the Cloud Computing program from NPTEL SWAYAM.

Java DSA | Hitbullseye   Jul' 24

- Enhanced technical problem-solving skills through advanced algorithmic training.

Introduction to MongoDB for Students | MongoDB   Jun' 24

- Certified by MongoDB, demonstrating proficiency in Database.

Server-Side JavaScript with Node.js | Coursera   May' 24

- Verified completion of the program at the NIIT, through Coursera.

EDUCATION

Lovely Professional University   Phagwara, Punjab

Bachelor of Technology   Since Aug' 22

Computer Science and Engineering; CGPA: 8.58