Diljot Singh

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Summary

Aspiring **Software Developer** with a strong foundation in C++, MERN stack, and Data Structures. Passionate about developing efficient, scalable software solutions and solving complex problems. Experienced in designing and implementing full-stack applications, optimizing algorithms, and enhancing user experiences through robust web and software development.

EDUCATION

○ **Bachelors of Technology in Electronics and Communication Engineering**   **2021-2025**
  Chandigarh Group of Colleges, Landran
○ **Class XII**   **2020-2021**
  Spring Dale Public School, Khanna
○ **Class X**   **2018-2019**
  Walia English Model School, Khanna

SKILLS

○ **Languages:** C, C++, Python, JavaScript, TypeScript
○ **Web Technologies:** HTML, CSS, MERN Stack (MongoDB, Express.js, React, Node.js)
○ **Databases:** MySQL, MongoDB
○ **Tools & Frameworks:** Git, Postman
○ **Core Concepts:** Data Structures, Algorithms, Object-Oriented Programming (OOP), Software Development
○ **Soft Skills:** Leadership, Problem Solving, Communication, Time Management

Trainings

MERN Stack Developement | [Grazitti Interactive]   **[January – May, 2025]**
TechStack Used: MongoDB, Express.js, React, Node.js (MERN)
○ Completed hands-on training in full-stack development using the MERN stack.
○ Built a **Movie Review Site** with user authentication, CRUD operations, and API integration.
○ Designed a responsive UI using React.js and optimized backend performance with Express.js and Node.js.

Front-End Development | [Excellence Technology]   **[June – August, 2023]**
TechStack Used: HTML, CSS, JavaScript
○ Learned and implemented **responsive web design, UI/UX principles, and DOM manipulation**
○ Developed **interactive web pages** with animations, form validations, and optimized performance
○ Worked on **cross-browser compatibility** and **mobile-friendly designs** using modern front-end techniques.

Projects

Review Flicks | [Link]
TechStack Used: MongoDB, Express.js, React, Node.js (MERN)
○ Developed full-stack movie review platform allowing users to browse, review, and rate movies.
○ Integrated MongoDB for database management and Express.js/Node.js for backend logic and API handling.

To-Do List Application | [Link]
TechStack Used: C++, OOP, File Handling
○ Designed a task management system that allows users to add, update, delete, and organize tasks efficiently.
○ Implemented file handling for persistent data storage and OOP principles for a modular and scalable application structure.

Certifications

○ Fundamentals of Artificial Intelligence (NPTEL IIT Guwahati - Jul-Oct 2022).
○ Python Certification (Saylor Academy).
○ Data Analytics (AWS Academy).