

CHARU GARG

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COMPUTER ENGINEER

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 <https://github.com/charu1605>

 https://leetcode.com/u/charu_garg1605/

SUMMARY

Detail-oriented Computer Science student with hands-on experience in software development through academic projects. Proficient in languages such as Python, C, and JavaScript, with a strong foundation in algorithms, data structures, and software engineering principles. Demonstrated ability to contribute to team projects, write and debug code, and apply best practices in software development. Eager to leverage technical skills and a passion for problem-solving in a dynamic software engineering internship to gain further industry experience and contribute to innovative projects.

EDUCATION

Higher Secondary Education

Shivalik Public School

2020-2021

91.6%

Thapar University

Bachelor of Engineering in Computer Engineering

2022-2026

8.52 cgpa

SKILLS

- LANGUAGES : C , C++ , Python , R
- DEVELOPMENT : HTML , CSS , JAVASCRIPT , Node.js
- DATABASE : SQL , MongoDB
- Core Concepts: Object Oriented Programming, Concepts of Data Structures and Algorithms
- Developer Tools: VS Code, Google Colab , Canva , LeetCode, R Studio , jupyter notebook , Git & GitHub

STRENGTHS

PROBLEM-SOLVING ABILITIES

By tackling diverse problems on LeetCode, I've honed my algorithmic thinking and optimized my coding skills through rigorous practice. This experience has strengthened my ability to analyze complex scenarios and devise efficient solutions.

PROJECT MANAGEMENT

Experience with managing projects, including planning, organizing, and coordinating tasks to meet deadlines and deliver high-quality results.

TEAM COLLABORATION

Proven ability to work well within a team, contributing to a collaborative environment and supporting colleagues to achieve common goals.

PROJECTS

WEATHER PREDICTION APP

The Weather Prediction App provides real-time weather information for users based on their location or specified city. Utilizing HTML for structure, CSS for styling, and JavaScript for dynamic behavior, the app fetches data from a weather API to deliver accurate forecasts.

- HTML: Provides the basic structure of the app, including input fields, buttons, and display areas for weather information.
- CSS: Styles the app, ensuring it is visually appealing with a user-friendly interface. Includes responsive design techniques for various screen sizes.
- JavaScript: Implements the logic for fetching data from the weather API, processing user input, and updating the displayed weather information dynamically.
- API: Connects to a weather service API to retrieve current weather data based on user input.

PERSONAL PORTFOLIO

This portfolio is designed to highlight my creativity and proficiency in crafting responsive and visually appealing web applications.

- HTML: For structuring the content of my portfolio.
- CSS: For styling and layout, including responsive design techniques
- JavaScript: For interactive elements, such as form validation and dynamic content updates.
- GitHub Integration: All my projects are hosted on GitHub, allowing visitors to view the source code.

SHOPPING MANAGEMENT SYSTEM

The Shopping Management System is a comprehensive solution designed to streamline and enhance the management of products, customers, and orders for retail businesses. Built using Oracle SQL, this system facilitates efficient operations,

- Database Management: Oracle SQL for data storage and retrieval.
- Programming Languages: PL/SQL for stored procedures and business logic.
- Front-End Technologies: Web-based application using HTML, CSS, and JavaScript.