

**SUMMARY**

Highly motivated and enthusiastic Computer Science fresher with a strong foundation in Object-Oriented Programming, Database management systems and Web Development. Eager to apply learned skills and contribute to a dynamic organization while continuously learning and growing in the field of technology. Seeking a challenging role as a Software Developer where I can leverage my problem-solving abilities and passion for innovation.

EDUCATION

Bachelor of Technology in Computer Science and Engineering, July 2025

Chandigarh University, Mohali, Punjab

CGPA: 7.2/10.0

SKILLS

- **Programming Languages:** C++, C#, Python
- **Web Technologies:** HTML, CSS, JavaScript, React.js, ASP.NET, ASP.NET Core
- **Database:** SQL, MS SQL
- **Tools & Technologies:** Git, GitHub, VS Code, Jupyter Notebook
- **Operating Systems:** Windows
- **Core Subjects:** Data Structures, Object-Oriented Programming (OOPs), Database Management Systems (DBMS), Operating Systems, Computer Networks
- **Other Skills:** Debugging, Problem Solving, Teamwork, Communication

LANGUAGES

English (Fluent) Hindi (Fluent)

CERTIFICATIONS

- Machine Learning with Python | E & ICT Academy, IIT Kanpur | Sep '21
- In House Summer Training, 2023 | Web Development | Chandigarh University, Mohali, Punjab | Jun '23 – Jul '23
- React Basics | Web Development | Coursera | Mar '25

EXTRA-CURRICULAR ACTIVITIES

- Volunteer at **DevTown**, an online software developer company, associated as a student coordinator and helped them grow their community online by spreading awareness about their work and services.
- Served as Captain in the Student Council Committee during the year 2018–19.

PERSONAL DETAILS

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INTERNSHIP**JUNIOR WEB DEVELOPER INTERN**

IIT Ropar, Punjab | Mar '25 – May '25

Responsibilities/Achievements:

Developed a common portfolio website for teachers and staff to showcase their publications in an orderly manner

Analysed the whole GitHub codebase and forked the template to be used as to run the build process for development, learnt about version control and liquid syntax and their role in GitHub based web development.

Gained hands on experience in utilizing GitHub pages for development and applying filtering and pagination logic on the site and enhancing the user experience on the site while maintaining the responsiveness of the site.

PROJECTS/EXPERIENCE

◆ **CUSTOMER MANAGEMENT SYSTEM – ASP.NET WEB APPLICATION FOR CRUD OPERATIONS**

Technologies Used: HTML, Bootstrap, MVC Framework, JavaScript/JQuery, C#, Microsoft SQL Server

Description: The **Customer Management System** is a web-based application built using **ASP.NET** that provides a complete CRUD (Create, Read, Update, Delete) interface to manage customer records efficiently. It allows users to input, update, and retrieve customer details, including **name, contact information, state, city, and country**, while ensuring data integrity and structured storage. The system is designed to simulate real-world enterprise-level data handling using a robust server-side architecture and database connectivity.

◆ **RESTAURANT FOOD-MENU APP**

(<https://github.com/Sharma-eng-cli/Menu-App.git>)

Technologies Used: HTML5, CSS, React.js

Description: Created a dynamic and interactive food ordering web application designed to simulate a real-world digital menu and billing system. Built with a modern web stack, the app allows users to browse a curated list of food items, select desired quantities, and generate a final bill in real time.

◆ **ALARM BASED INTRUSION DETECTION SYSTEM USING DEEP LEARNING**

Technologies Used: PyTorch, Scikit-learn, Numpy and Tkinter libraries

Description: This project involves creating a machine learning system based on the R-CNN algorithm. The model is designed to detect hazardous objects such as scissors, knives, and nails, which can trigger an alarm in the surrounding environment. The project is exported in the ONNX format, allowing it to be applied to various edge computing applications. Throughout the development process, we followed a systematic approach to machine learning model development, which included preprocessing the data, training the dataset, and implementing it into the project.