

Gagan Bansal

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SUMMARY

Pre-final year CS student with 2+ years of coding, adept at problem-solving with data structures and algorithms.

EDUCATION

Chitkara University, Chandigarh, B.E in Computer Science | Chandigarh, India CGPA: **9.75 / 10** May 2026*
Baba Bilasgar Public School, Non-Medical Science | Tohana, India Marks: **80%** June 2022

SKILLS

Courses	Data Structures and Algorithms, System Design, CN, OS, DBMS, OOPs
Languages	Proficient in C/C++ and JavaScript; familiar with Python
Web Expertise	HTML, CSS, JavaScript, Bootstrap, Tailwind CSS, SQL, MongoDB, React.js, Express.js, Node.js
Tools	Visual Studio Code, Jupyter Notebook, Git, Canva, Figma, Linux, TensorFlow, OpenCV
Machine Learning	Scikit-Learn, NumPy, Pandas, Regression, Support Vector Machines, Decision Trees, Cluster Analysis

PROJECTS

Market Minds MERN + Machine Learning, Redefining stock websites with predictions

- Developed a MERN stack application to provide real-time stock prices using external APIs.
- Integrated a machine learning model for predictive analysis of stock trends for major companies.

Team Mate MERN, A platform with online meetings and chat box features

- Designed and developed a comprehensive online collaboration platform inspired by Microsoft Teams.
- Integrated video meeting capabilities allowing users to conduct virtual meetings and share screens.

Delhi Metro Optimization System C++ , A software for optimizing Delhi Metro operations

- Developed algorithms to optimize Delhi Metro operations, focusing on route planning and scheduling.
- Utilized C++ for robust software development and system integration.

Sudoku C++ , A game of Mind-bending puzzles for all

- Implemented backtracking algorithm for solving Sudoku puzzles, ensuring efficient and accurate solutions.
- Utilized some efficient algorithms for solving Sudoku puzzles, ensuring accurate solutions.

POSITION OF RESPONSIBILITY

ACM - Chitkara University

Web Team

Sep 2023 - present

- Actively volunteering in the study group for **Frontend Web Development** and building the website for the ACM CUIET Club.
- Assisting students in learning HTML, CSS, **JavaScript**, and **React**.

EXTRA-CURRICULAR

Finalists – Smart Cataloging Hackathon by ShopClues

Selected in the Top 5 among 70+ teams. Chandigarh, India, 2024

Top 10 Students – Computer Science Department

Ranked in the top 10 among 2000+ students in the department and Selected for UCA Batch in University

5th Rank – Code 360 by Coding Ninjas

Achieved 5th rank in College leaderboard among 1200+ students. Remote, 2023

CERTIFICATION

- Leading People and Teams** issuing body : University of Michigan
- Google Professional CyberSecurity Certificate** issuing body : Google
- C for Everyone: Programming Fundamentals** issuing body : UC Santa Cruz